Campagnolo®

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CampyBike.com

ATHENA

CHORUS

CROCE D'AUNE

RECORD

RECORD PISTA

RECORD KEIRIN NJS approved

ATHENA

ATHENA® GROUP




Campagnolo
Campagnolo

Basic Group

CODE	COMPONENTS	VARIANTS
D010	Athena gear	
C021	Chorus braze-on front changer	C022 Chorus clip-on front changer (pipes ∅ 25,5 mm.)
A281	Record Friction braze-on levers	
D300	Athena small flange quick release hubs, 36 holes, rear width 126,5 / RH 36, Italian thread mm. 35×24 F	Drillings: 32 Rear width: 130 / RH 36 - 130 / RH 37 Thread: BSC 1,370"×24 F - FR M 34,7×1
D040	Athena chainwheel, pitch circle diameter 135, crank 170 mm. 42/52 t.	Cranks length: 172,5 Inner rings toothing: 39 - 40 - 41 - 43 - 44 Outer rings toothing: 48 - 49 - 50 - 51 - 53
D0H0	Athena bottom bracket Italian thread mm. 36×24 F Width 70 mm.	Thread: BSC 1,370"×24 TPI - FR M 35×1 Width: 68 mm.
D600-AM	Athena pedals complete with medium (M) steel toe-clip and single layer leather strap	Toe-clip: small (S) - large (L)
D500	Athena brakes complete with two brake levers, cables and casings	Athena Compact brake lever (code D056)
C0R2	Chorus styled seat pin 180 mm. ∅ 27,2 complete with fixing screw and nut ∅ 8	Length: 180 mm. (code C0R2) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 Length: 130 mm. (code C0R2-S) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 - 27,2
D0D0	Athena head set, Italian thread mm. 25,4×24 F	Thread: BSC 1"×24 TPI - FR M 25×1
1120005	Biodynamic bottle with cage	

Campagnolo reserve the right to modify the contents of this catalogue without notice. If not specified when ordering, the components of the ba
Campagnolo decline all responsibilities for any improper use or tampering of the products.

Substitutive components

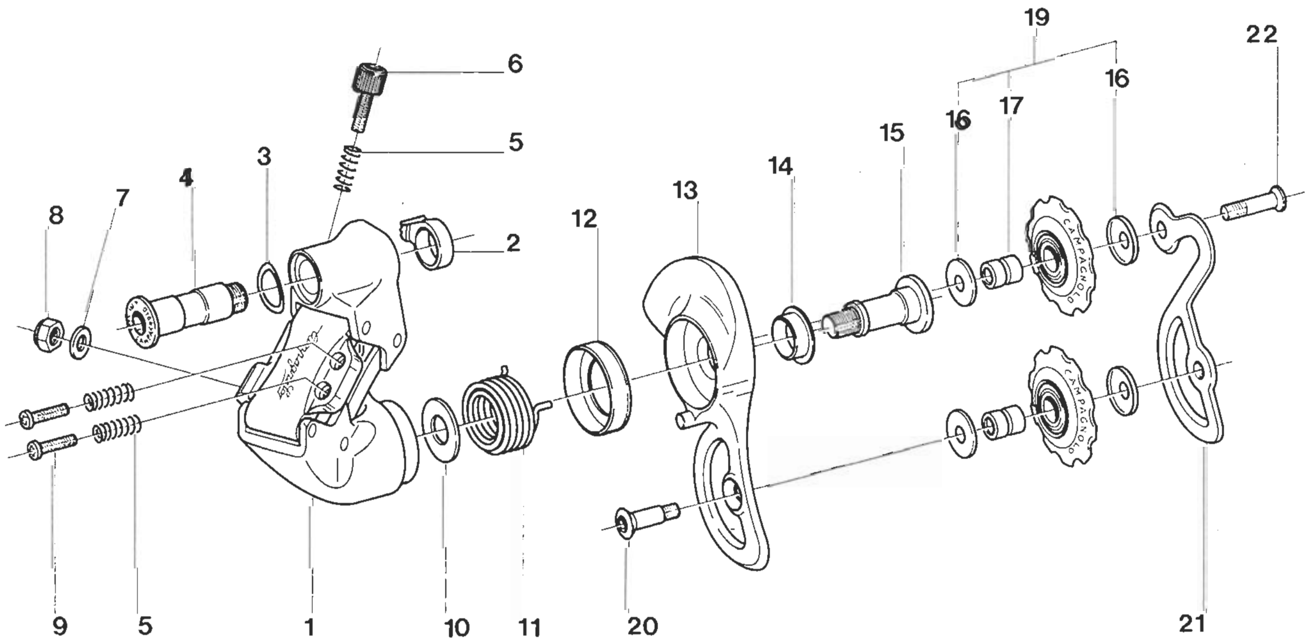
CODE	COMPONENTS	VARIANTS
C023	Chorus adjustable clip-on front changer (pipes from ∅ 28 to 33 mm.)	
A282	Record Friction clip-on double lever	
A283	Record Friction braze-on on top of tube double lever	
A221	Record Syncro braze-on levers	for 6 or 7 speed freewheel
A222	Record Syncro clip-on double lever	for 6 or 7 speed freewheel
A223	Record Syncro braze-on on top of tube double lever	for 6 or 7 speed freewheel
A271	Record Doppler braze-on levers	
A272	Record Doppler clip-on double lever	
A273	Record Doppler braze-on on top of tube double lever	

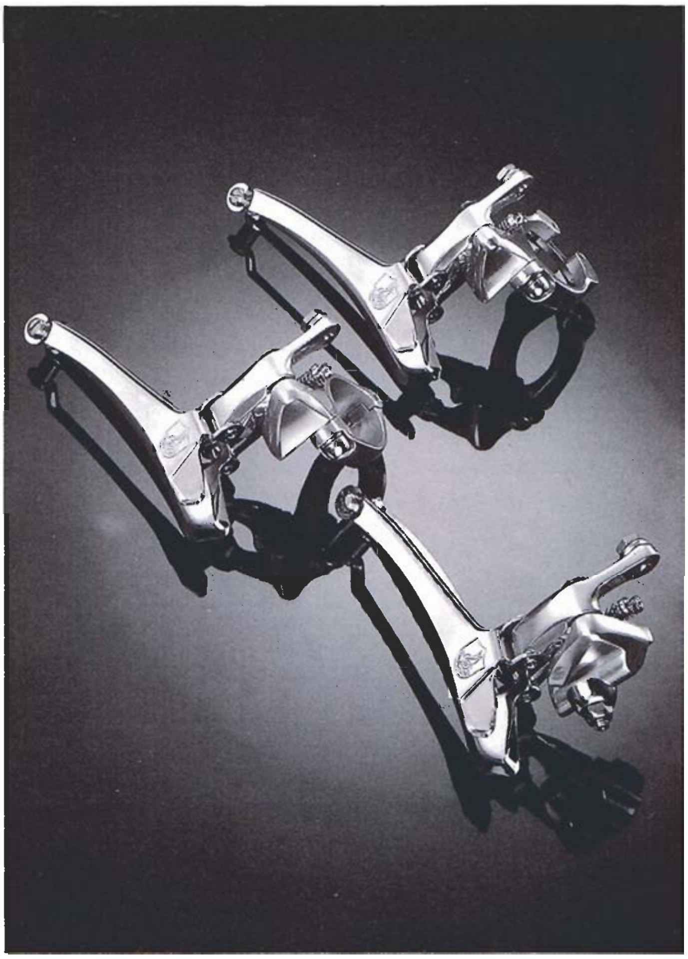
the basic version will be supplied.

D010 ATHENA GEAR

1	1284022	Complete parallelogram
2	7116112	Upper body bush
3	7304009	Convex elastic washer
4	7350230	Fixing pivot
5	7260094	Adjusting screw spring
6	7350227	Casing adjusting screw
7	7300114	Fixing cable screw washer
8	7161187	Fixing cable screw nut
9	7350203	Front changer adjusting screw
10	7300107	Washer
11	7260113	Cage plate rotating spring
12	7116103	Outer cage plate bush
13	7119040	Outer cage plate
14	7116102	Pivot bolt screw bush
15	7350248	Pivot bolt screw
16	7146005	Roller dust cover
17	7116006	Roller bush
19	1302005	Complete roller
20	7350165	Lower roller fixing screw
21	7119041	Inner cage plate
22	7350276	Upper roller fixing screw

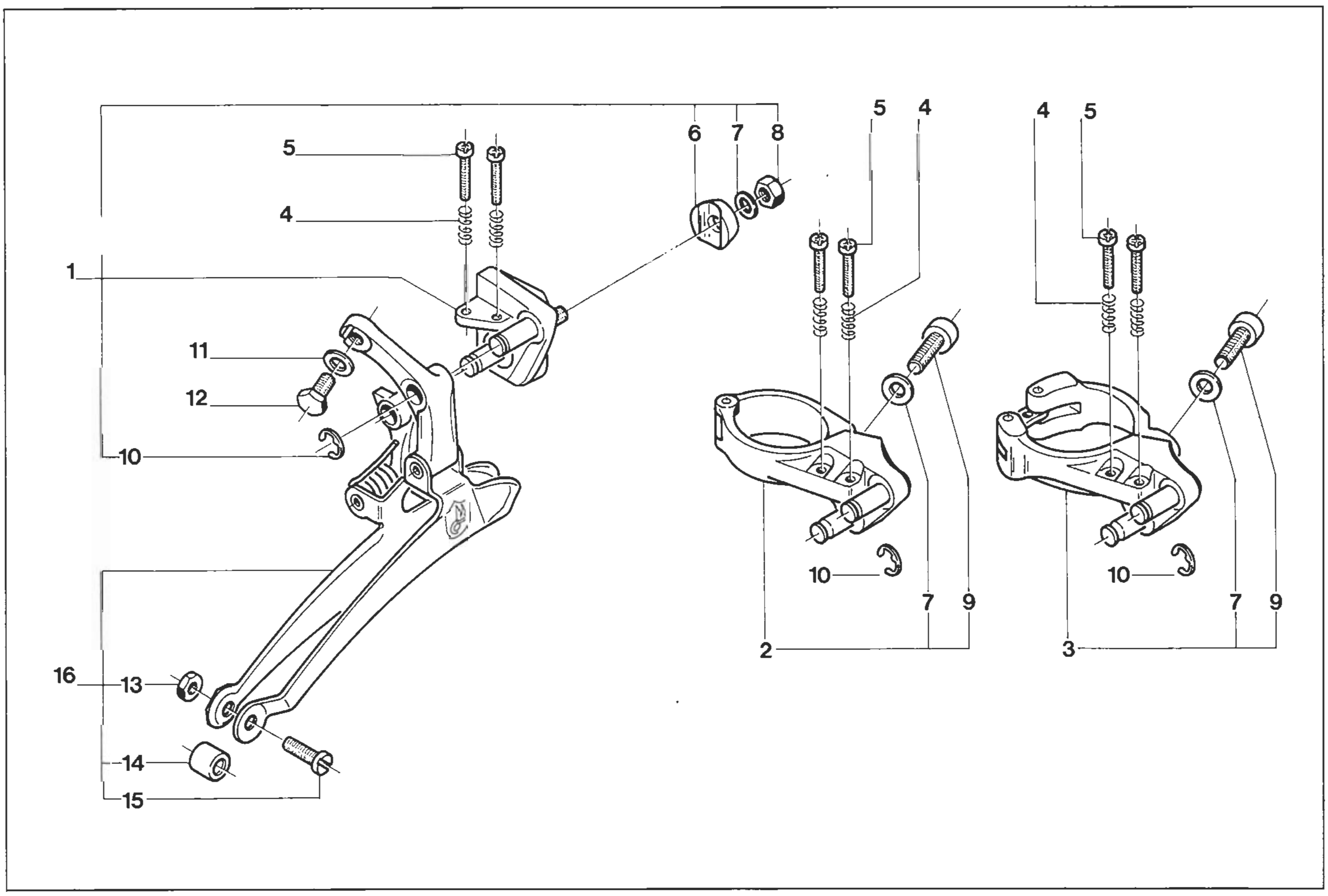






C021 CHORUS BRAZE-ON FRONT CHANGER
C022 CHORUS CLIP-ON FRONT CHANGER
C023 CHORUS ADJUSTABLE CLIP-ON FRONT CHANGER

1	1143072	Complete body (without b/o boss)
2	1143073	Clip-on complete body
3	1143074	Adjustable clip-on complete body
4	7260105	Adjusting screw spring
5	7350228	Fork end adjusting screw
6	7300161	Braze-on front changer concave washer
7	7300117	Clip fixing screw washer
8	7161187	Fixing screw nut
9	7350145	Clip-on front changer fixing screw
10	7100008	Circlip
11	7300114	Fixing cable screw washer
12	7350002	Fixing cable screw
13	7161096	Fork connecting nut in stainless steel
14	7116011	Fork bush
15	7350106	Fork connecting chrome-plated screw
16	1180010	Complete fork



A281 RECORD FRICTION BRAZE-ON LEVERS
A282 RECORD FRICTION CLIP-ON LEVERS
A283 RECORD FRICTION ON TOP OF TUBE LEVERS

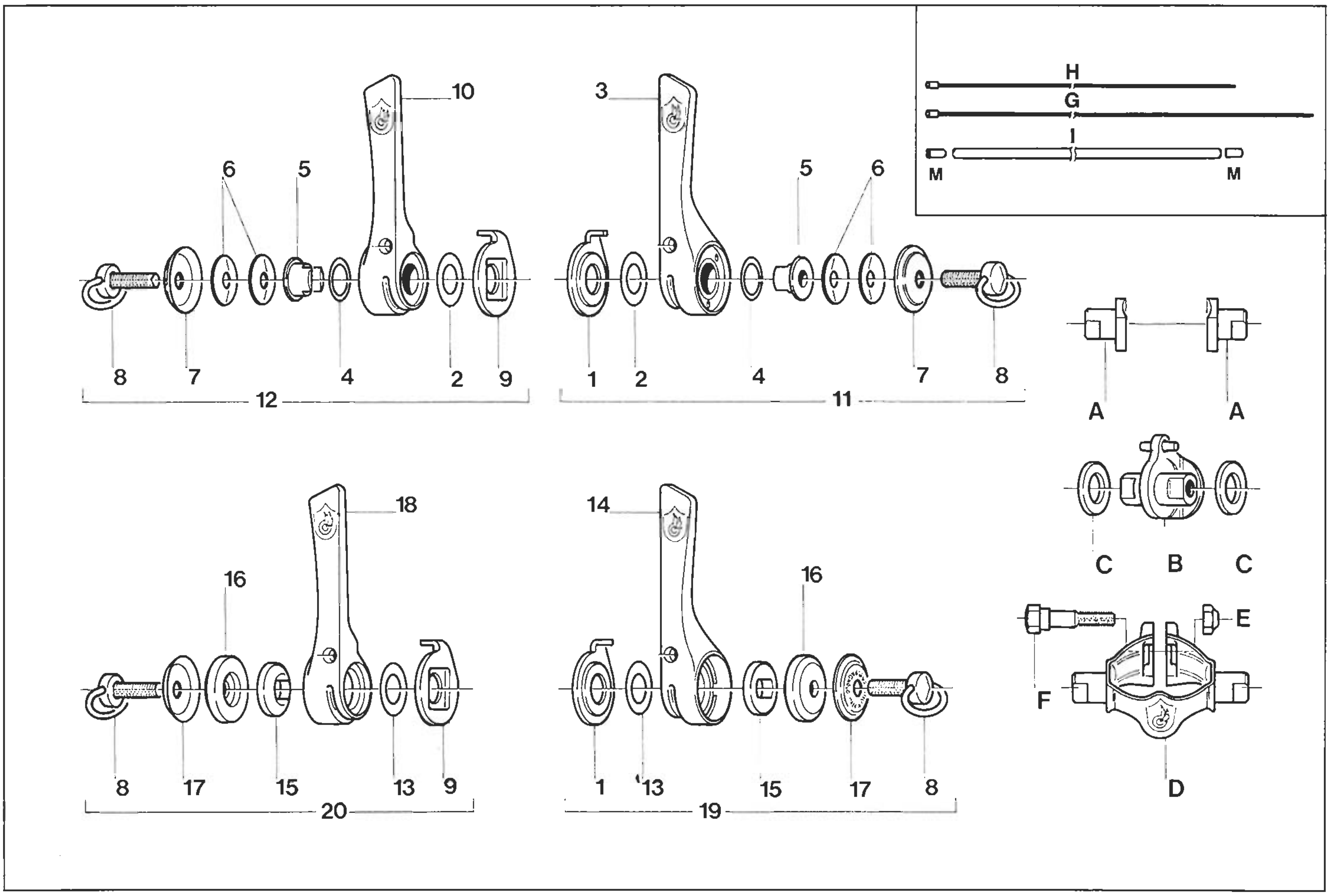
1	7320031	R.H. bracket
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
13	7300178	Bracket washer
14	7264041	R.H. lever
15	7306003	Friction washer
16	7160076	Spacer
17	7136040	Cover
18	7264042	L.H. lever
19	0118091	Gear Record Friction complete lever
20	0118092	Front changer Record Friction complete lever

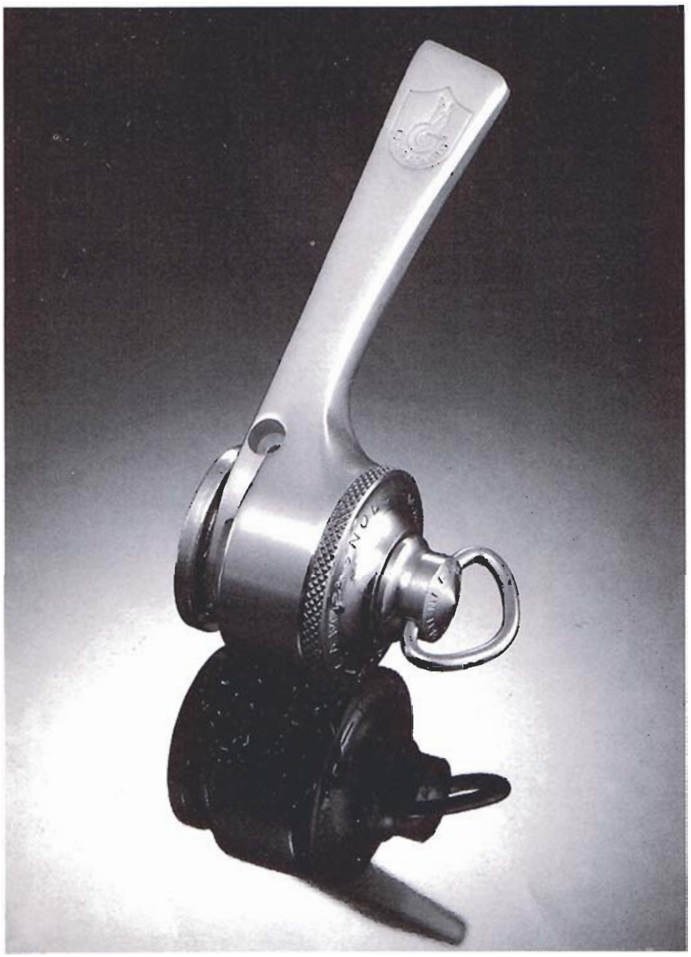
A271 RECORD DOPPLER BRAZE-ON LEVERS
A272 RECORD DOPPLER CLIP-ON LEVERS
A273 RECORD DOPPLER ON TOP OF TUBE LEVERS

1	7320031	R.H. bracket
2	7306004	Inner friction washer
3	1264014	R.H. lever
4	7306005	Outer friction washer
5	7325002	Square boss milled shim
6	7260086	Cup spring
7	7136040	Cover
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
10	1264015	L.H. lever
11	0118071	Gear Record Doppler complete lever
12	0118072	Front changer Record Doppler complete lever

A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7300149	On top of tube double lever washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and end casing (not assembled)
M	7140003	End casing







A221 RECORD SYNCRO BRAZE-ON LEVERS
A222 RECORD SYNCRO CLIP-ON LEVERS
A223 RECORD SYNCRO ON TOP OF TUBE LEVERS

1	7320038	R.H. bracket
2	7300178	Bracket washer
3	7264043	R.H. lever
4	7300196	Spacing washer
5	7260108	R.H. lever spring
6	see table	Micrometric insert
7	7116085	Release bush
8	1136013	R.H. lever adjusting wing nut
9	7320026	L.H. bracket
10	7300104	Washer
11	7264044	L.H. lever
12	7306003	Friction washer
13	7300115	Washer
14	7136021	Cover
15	7260067	Disc spring
16	1202001	Adjusting wing nut
17	0118130	Gear Record Syncro complete lever, without insert 6
18	0118113	Front changer Record Syncro complete lever.
A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7306010	Washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and end casing (not assembled)
M	7140003	Casing end

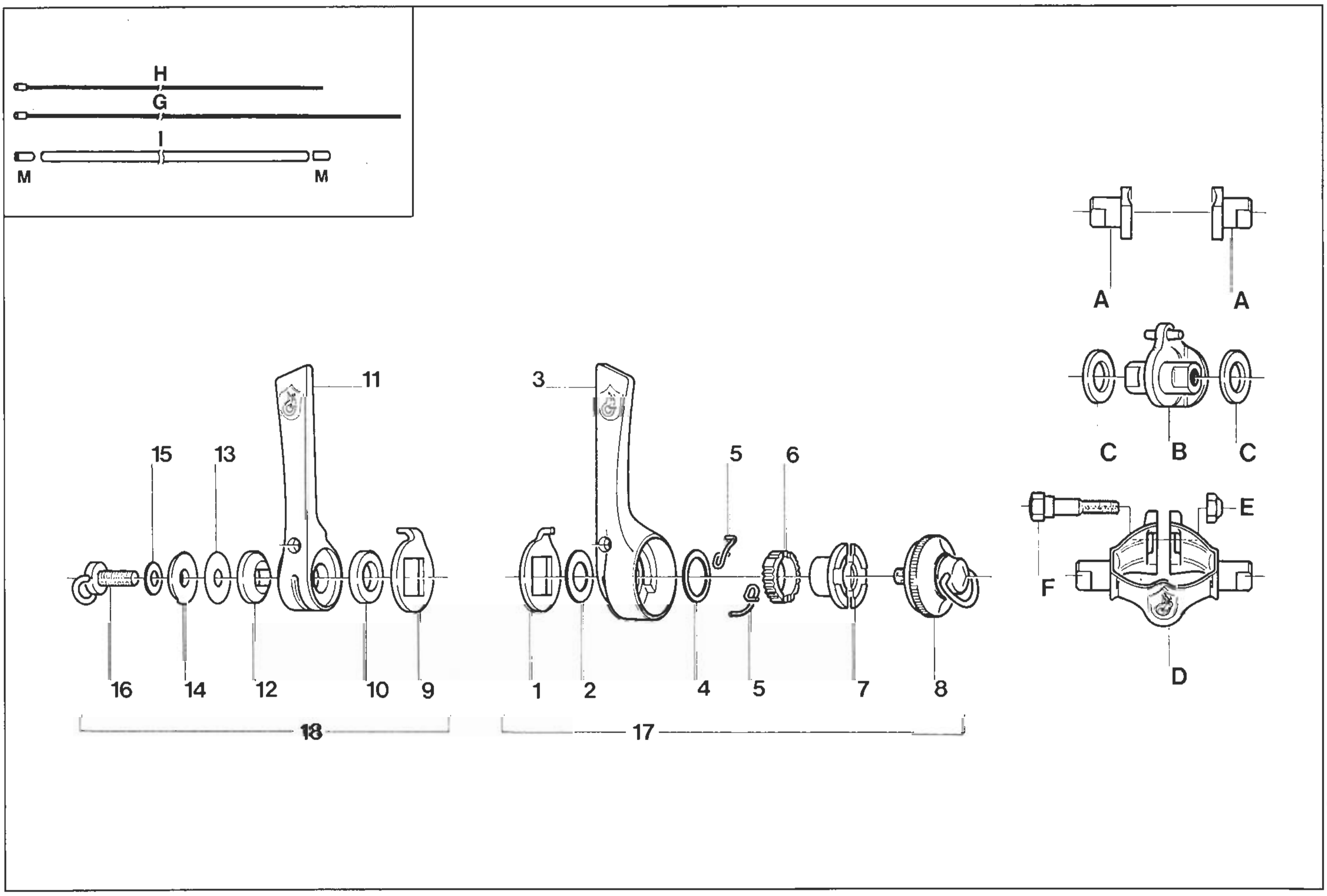




TABLE FOR THE BEST CONNECTION OF «RECORD SYNCRO» LEVERS WITH FREEWHEELS, CHAINS AND GEARS

GEARS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
6 SPEED FREE WHEELS	6 V	6 V	6 V	A 6	B 6	6 V	6 V	6 V
CAMPAGNOLO	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ▲ ■ ○
MAILLARD 700 COURSE	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA AMERICA	● * ▲	● * ▲ ■	● * ▲ ■	● * ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA ORO	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	
SUNTOUR WINNER	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● ▲ ■	* ▲
SHIMANO 105	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
SHIMANO DURA ACE	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
CAIMI	● * ▲ ■	● * ▲ ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○

GEARS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
7 SPEED FREE WHEELS	7 V	7 V	7 V	A 7	B 7	7 V	7 V	7 V
CAMPAGNOLO SERVIZIO CORSA COMPACT	● ■	● ■	● ■	● * ■	● * ■	● * ■	● * ■	● * ■
MAILLARD 700 COMPACT	● ■	● ■	● ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ■
REGINA CX S COMPACT	● ■	● ■	● ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■
SUNTOUR W.P. UC 7000	● ▲	● ■	● ■	● * ■	● * ■	● * ▲	* ▲	
SHIMANO DURA ACE	● *	● *	● *	● *	● *	● * ▲	● * ▲	● * ▲ ■
CAIMI COMPACT	● ▲ ■	● ▲	● ▲ ■	● * ■	● * ■	* ▲ ■	▲ ■	● * ▲ ■ ○

Symbols meaning:
● Regina CX S chain - ■ Sedis Sport chain - ▲ Suntour UC 6000 chain - * Shimano Uniglide 600 chain - ○ Union de luxe
Remark: For Super Record, Victory, Triomphe (extensible to Nuovo Record and LZ) code 7222064.

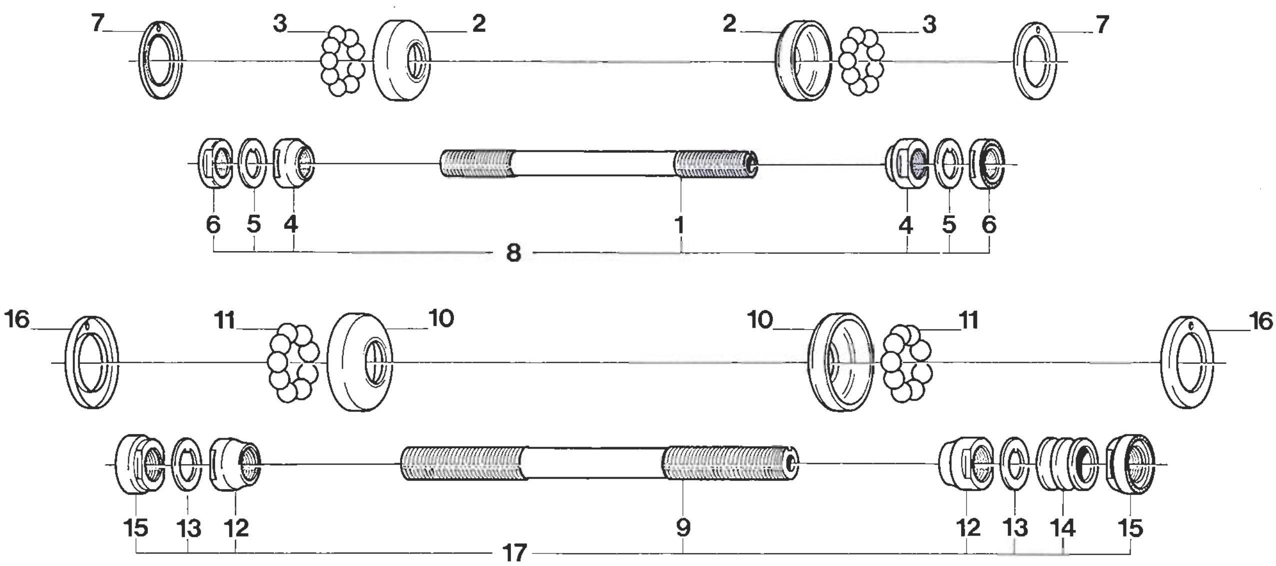


D031 ATHENA SMALL FLANGE FRONT HUB

1	7281023	Hollow axle
2	7131051	Cup
3	1321004	Balls set ∅ 3/16" (10 + 10)
4	7133074	Cone
5	see spec.	Toothed washer
6	7161170	Locknut
7	7146012	Dust cover
8	1281043	Complete axle

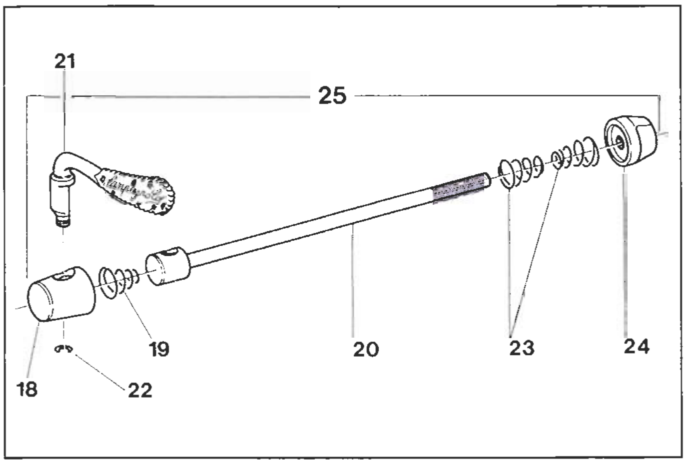
D032 ATHENA SMALL FLANGE REAR HUB

9	7281027	7 speed hollow axle
9	7281211	6 speed hollow axle
10	7131052	Cup
11	1321005	Balls set ∅ 1/4" (9 + 9)
12	7133053	Cone
13	see spec.	Toothed washer
14	see spec.	Spacer
15	7161173	Locknut by 8 mm.
15	7161172	Locknut by 6,5 mm.
16	7146013	Dust cover
17	1281044	6 speed complete axle
17	1281058	7 speed complete axle, shim adjustment to clearance 36
17	1281059	7 speed complete axle, shim adjustment to clearance 37



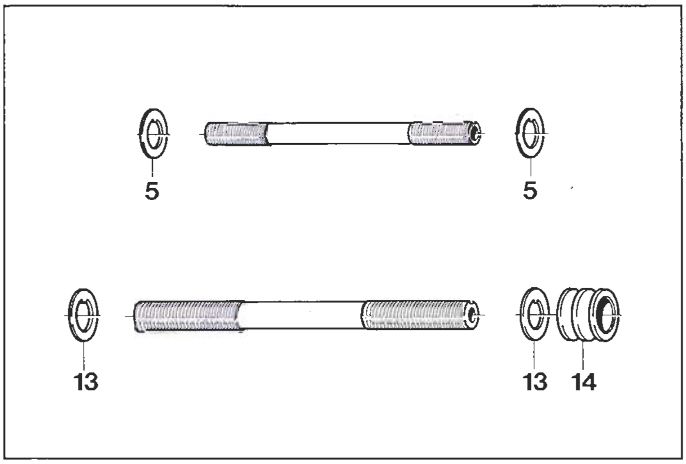
Quick Releases

18 7142009 Cap
19 7260014 Tension spring
20 7319021 Front hub locking skewer
20 7319023 Rear hub 6 speed locking skewer
20 7319027 Rear hub 7 speed locking skewer
21 7264027 Lever
22 7100040 Circlip
23 7260002 Conical spring
24 7161178 Adjusting nut
25 1319060 Front complete quick release
25 1319062 Rear 6 speed complete quick release
25 1319063 Rear 7 speed complete quick release

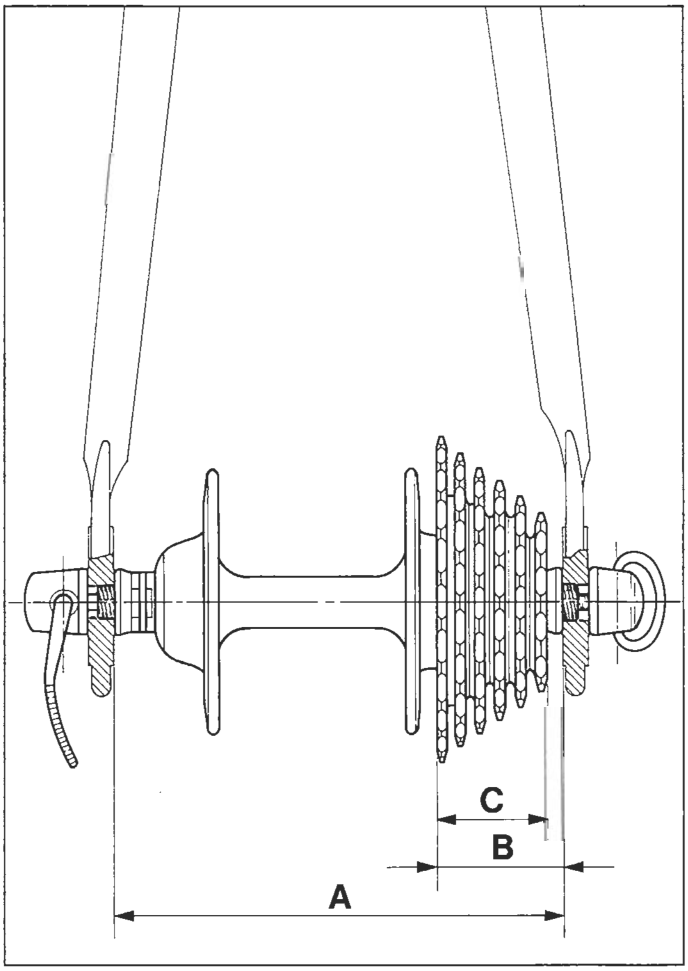


Washers and spacers specifications

5 7300026 Front hub toothed washer by 1 mm.
5 7300027 Front hub toothed washer by 1,5 mm.
5 7300028 Front hub toothed washer by 2 mm.
13 7300040 Rear hub toothed washer by 1 mm.
13 7300041 Rear hub toothed washer by 1,5 mm.
13 7300042 Rear hub toothed washer by 2 mm.
14 7160074 Rear hub spacer by 2,5 mm.
14 7160003 Rear hub spacer by 3,5 mm.
14 7160014 Rear hub spacer by 12,5 mm.
14 7160075 Rear hub spacer by 13,5 mm.



A	B	C
Frame width	**R.H. width**	**Freewheel width**
126,5	36 36	6 sp. up to 32 mm. 7 sp. up to 32 mm.
130	36 36	6 sp. up to 32 mm. 7 sp. up to 32 mm.
130	37 37	6 sp. up to 33 mm. 7 sp. up to 33 mm.



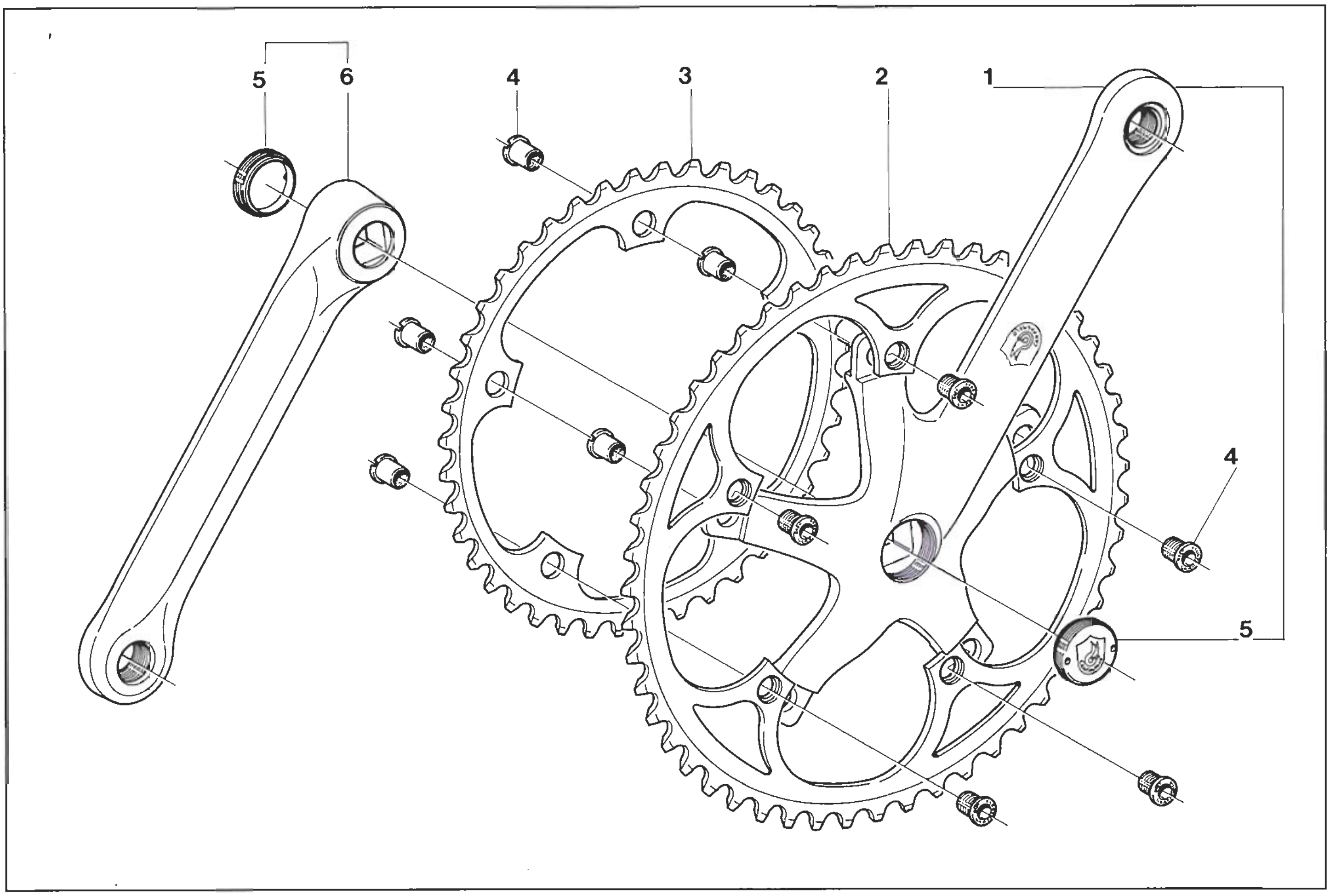


D040 ATHENA CHAINWHEEL

1	D071	R.H. crank, pitch circle diameter 135
2	DZ00	Outer ring, pitch circle diameter 135
3	AZ00I	Inner ring, pitch circle diameter 135
4	0100009	Rings fixing screw and nut
5	7136059	Crank cover
6	D072	L.H. crank

CODE	CRANKS LENGTH	
	170	172,5
D071	●	●
D072		

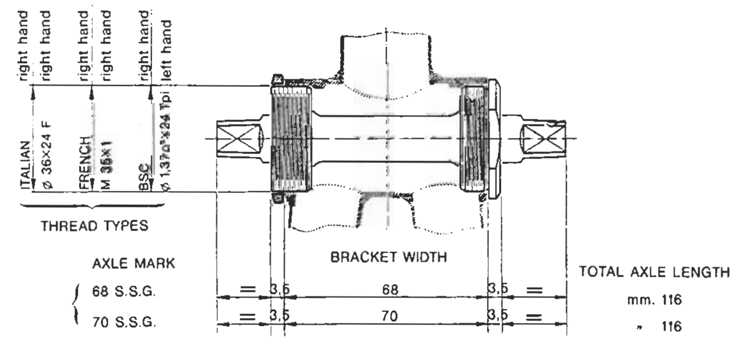
CODE	DESCR.	P.C.D.	RINGS TOOTHING											
			39	40	41	42	43	44	48	49	50	51	52	53
AZ00I	INNER	135	●	●	●	●	●	●						
DZ00	OUTER	135							●	●	●	●	●	●

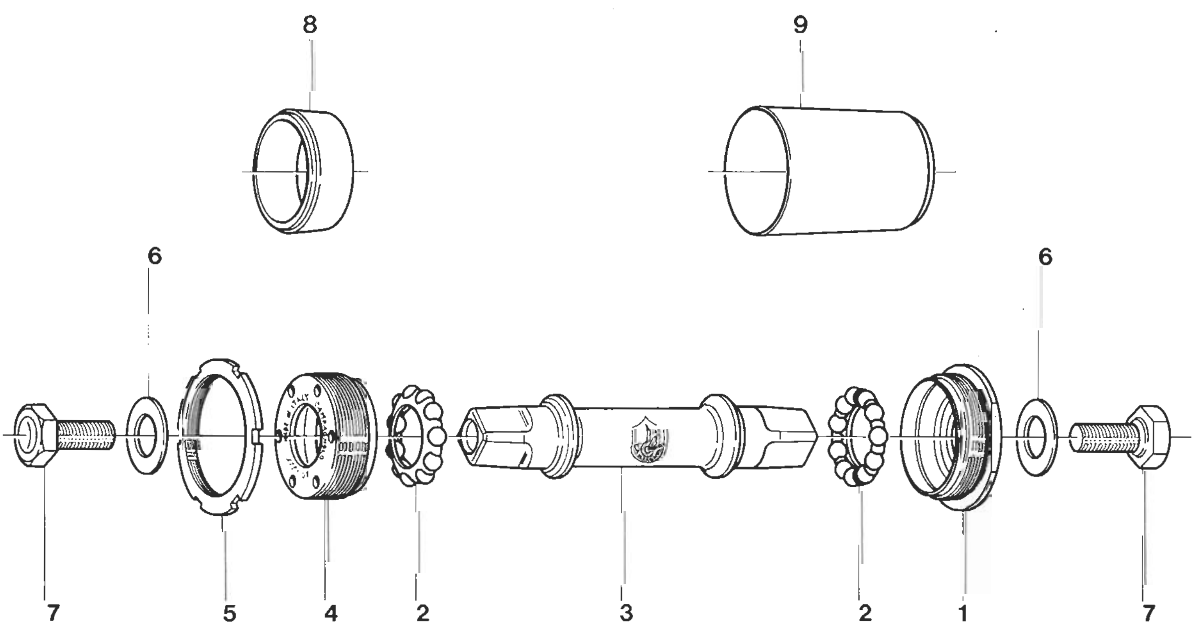


D0H0 ATHENA BOTTOM BRACKET

1	7131107	R.H. fixed cup, Italian thread
1	7131108	R.H. fixed cup, French thread
1	7131109	R.H. fixed cup, BSC thread
2	1134003	Balls set Ø 1/4"
3	7281271	68 SS axle
3	7281272	70 SS axle
4	7131110	L.H. adjustable cup, Italian thread
4	7131111	L.H. adjustable cup, French thread
4	7131112	L.H. adjustable cup, BSC thread
5	7203001	L.H. cup lockring - Italian thread
5	7203002	L.H. cup lockring - French thread
5	7203003	L.H. cup lockring - BSC thread
6	7300025	Crank fixing screw washer
7	7350025	Crank fixing screw
8	7100009	Conical ring for sleeve
9	7201012	Sleeve





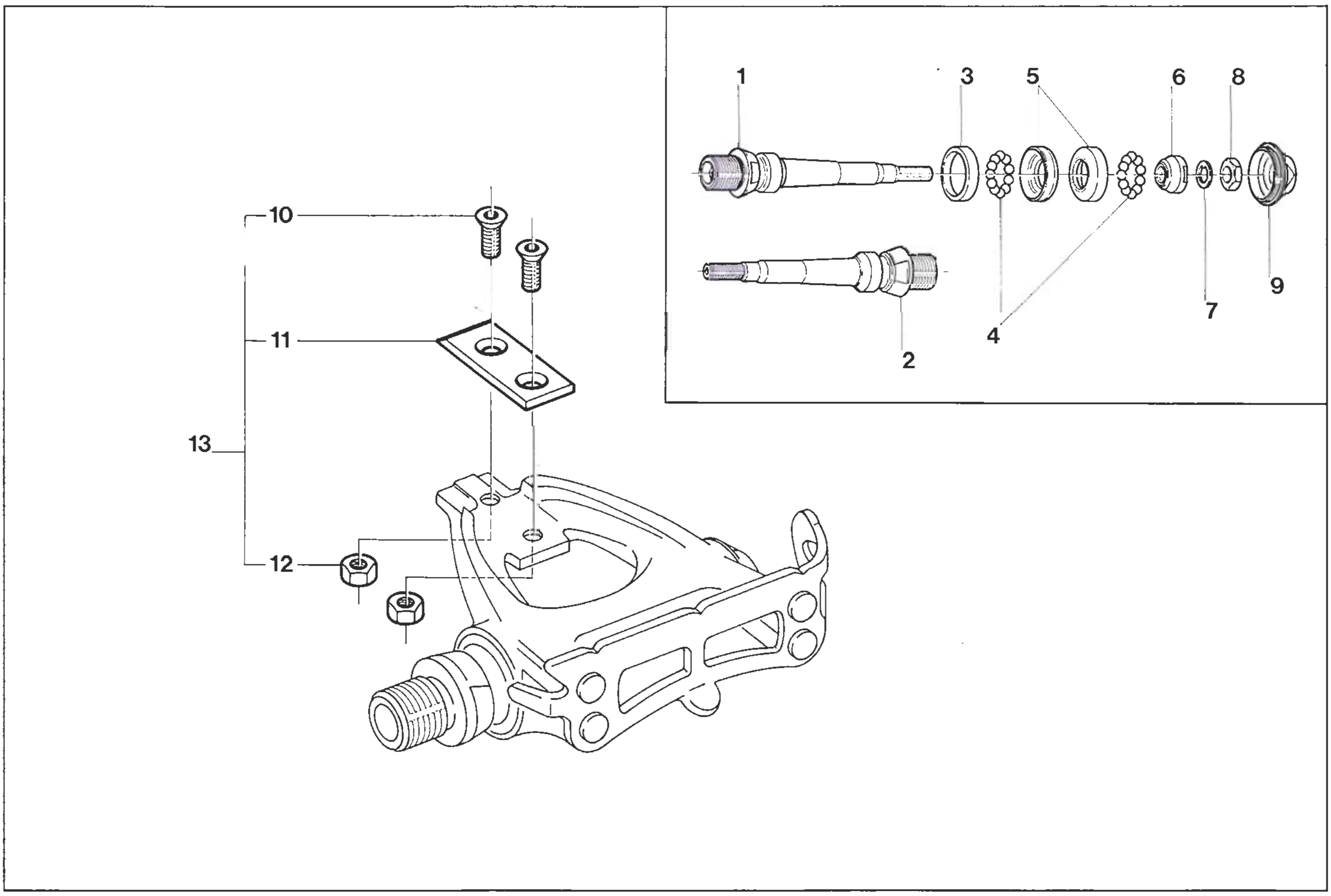




D601-AM ATHENA R.H. PEDAL
D602-AM ATHENA L.H. PEDAL

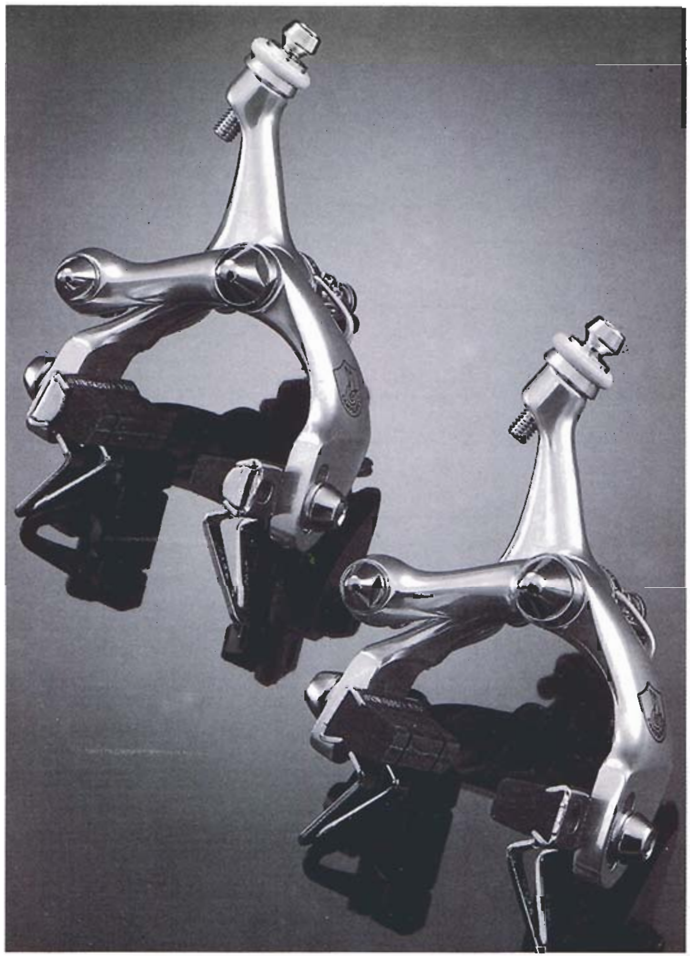
1	7281292	R.H. axle
2	7281291	L.H. axle
3	7146001	Dust cover
4	1321008	Balls set ∅ 5/32" (24 + 24)
5	7131053	Cup
6	7133002	Cone
7	7300001	Toothed washer
8	7161001	Locknut
9	7136029	Cover
10	7350149	Toe-clip fixing screw
11	7283044	Toe-clip fixing plate
12	7161096	Toe-clip fixing nut
13	1134028	Toe-clip plate and fixing screws set
	0F22-A	Steel toe-clip: small (S) - medium (M) - large (L)
	1153004	Single layer leather strap

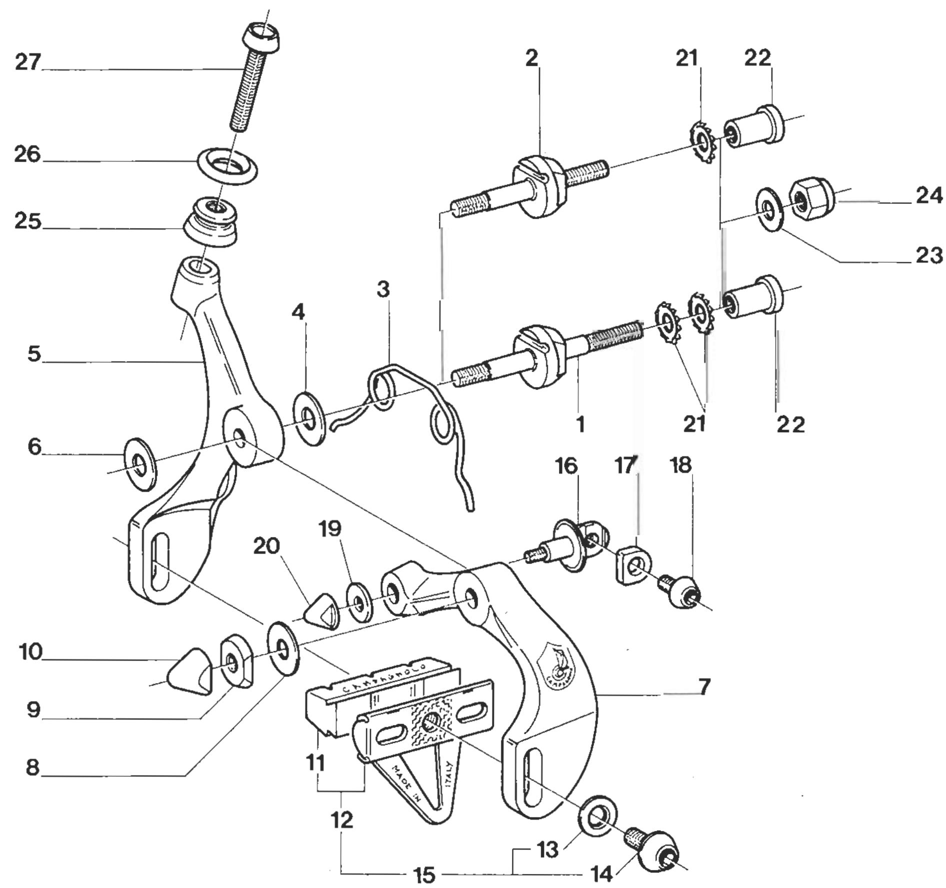
Remark: The pedals are supplied complete with toe-clip and strap

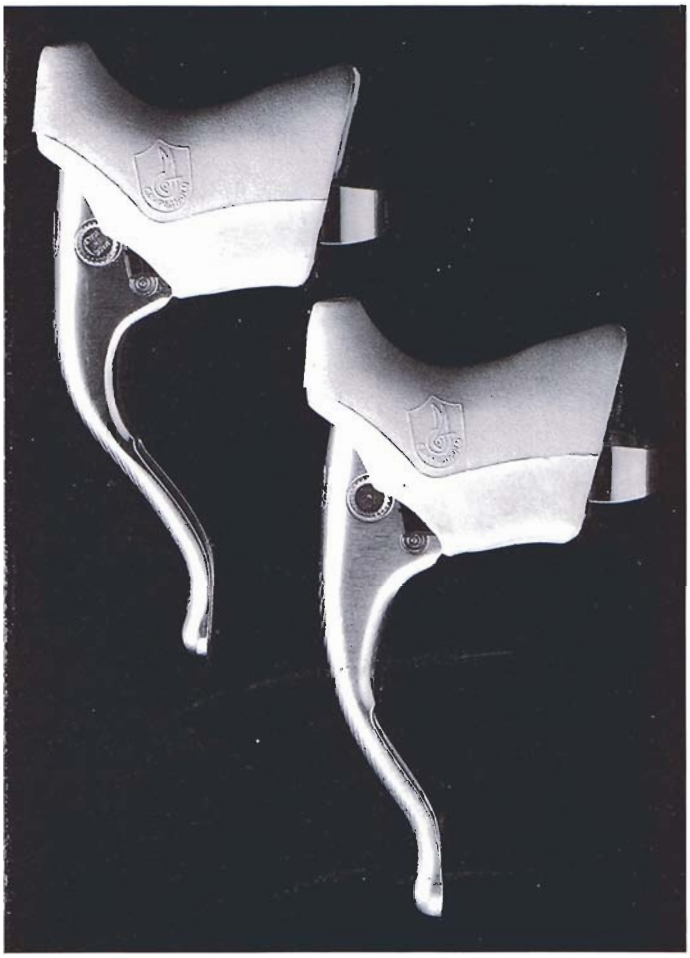


D051 ATHENA FRONT BRAKE
D052 ATHENA REAR BRAKE

1	7281275	Front brake allen center bolt
2	7281276	Rear brake allen center bolt
3	7260115	Brake shoe lever return spring
4	7300004	Sliding washer
5	7241083	Rear brake shoe lever
6	7300005	Inner sliding washer
7	7241082	Front brake shoe lever
8	7300146	Brake lever fixing nut washer
9	7161180	Lever fixing nut
10	7161182	Locknut
11	7289007	Brake block
12	2290020	R.H. brake shoe with block, without screw and washer
12	2290021	L.H. brake shoe with block, without screw and washer
13	7300003	Washer
14	7350254	Block fixing screw
15	1290027	R.H. complete brake shoe
15	1290028	L.H. complete brake shoe
16	7281273	Cable clamp axle
17	7300183	Cable clamp washer
18	7950237	Cable clamp screw
19	7300186	Axle fixing nut washer
20	7161183	Axle fixing nut
21	7300164	Indented washer
22	7161105	Allen recessed nut
23	7300003	Washer
24	7161072	Self-locking nut
25	7161139	Casing end adjusting nut
26	7208011	Adjusting nut rubber
27	7350005	Casing end screw

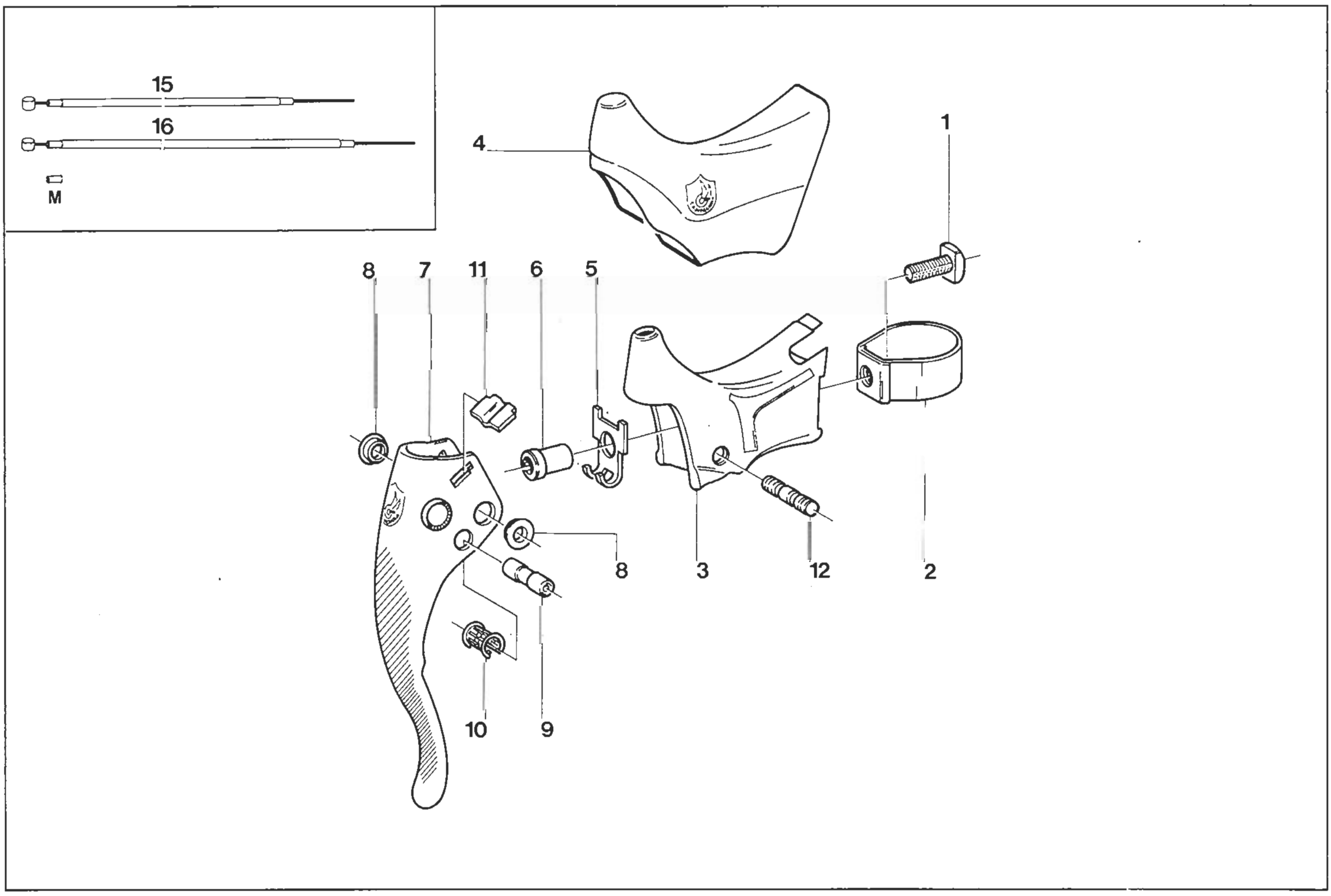






D053 ATHENA BRAKE LEVER

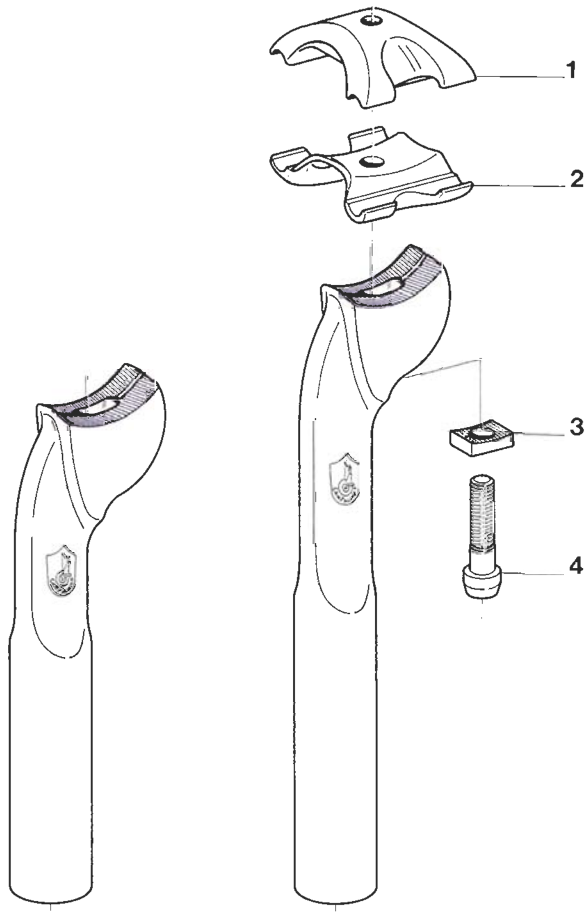
1	7350221	Fixing screw
2	7182031	Fixing clip
3	7143877	Body
4	7201041	Hood
5	7300203	Washer
6	7161105	Allen recessed nut
7	1241027	Quick release lever with cable holder
7	1241036	Compact lever
8	7116083	Bush
9	7281220	Quick release lever axle
10	7260116	Quick release lever spring
11	7283057	Guidecable plate
12	7281280	Body pivot pin
13	0120059	Front brake cable and casing
14	0120060	Rear brake cable and casing
M	7140004	Casing end (not assembled)



C0R1 CHORUS SEAT PIN 180 mm.
C0R1-S CHORUS SEAT PIN 130 mm.

1	7320024	Bracket
2	7316013	Sliding support
3	7300197	Concave washer
4	7350152	Fixing screw

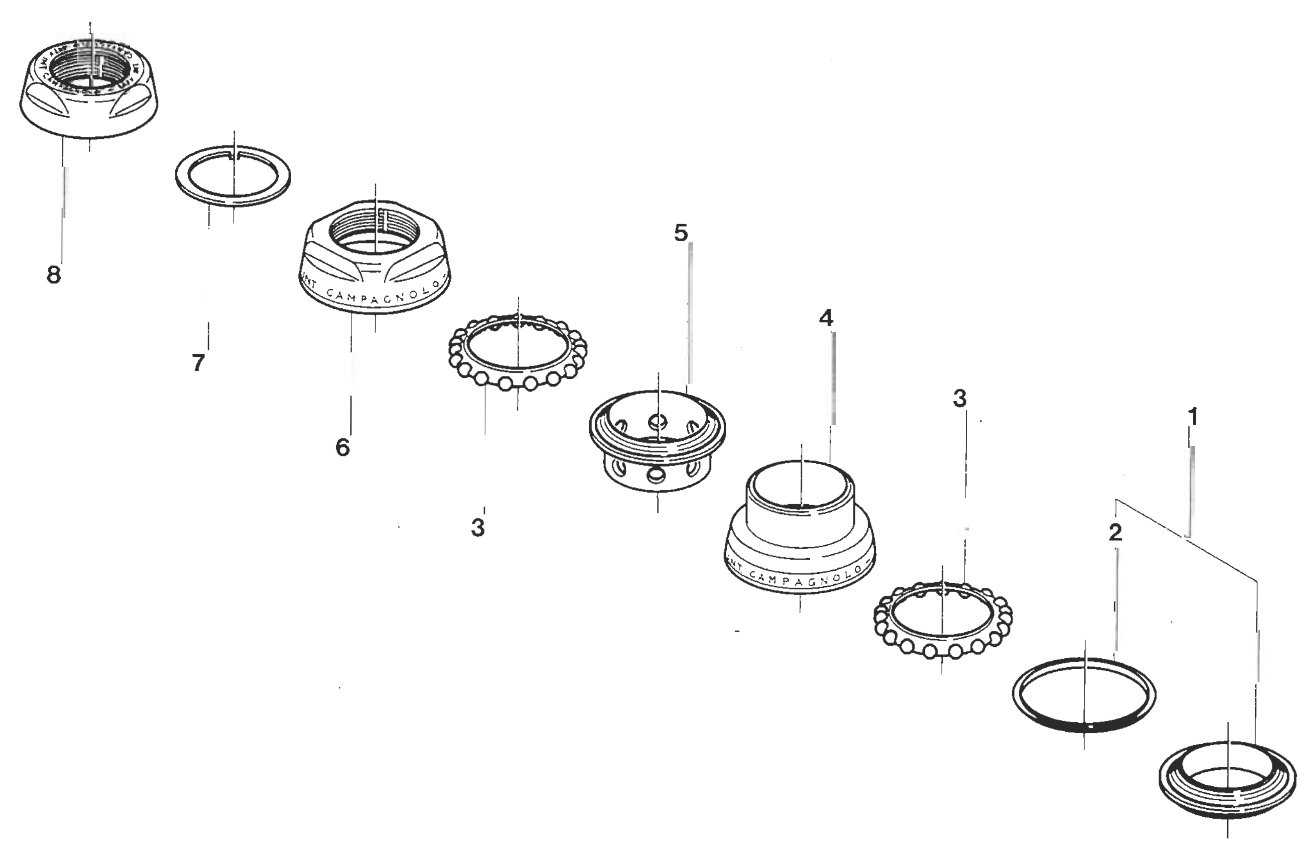






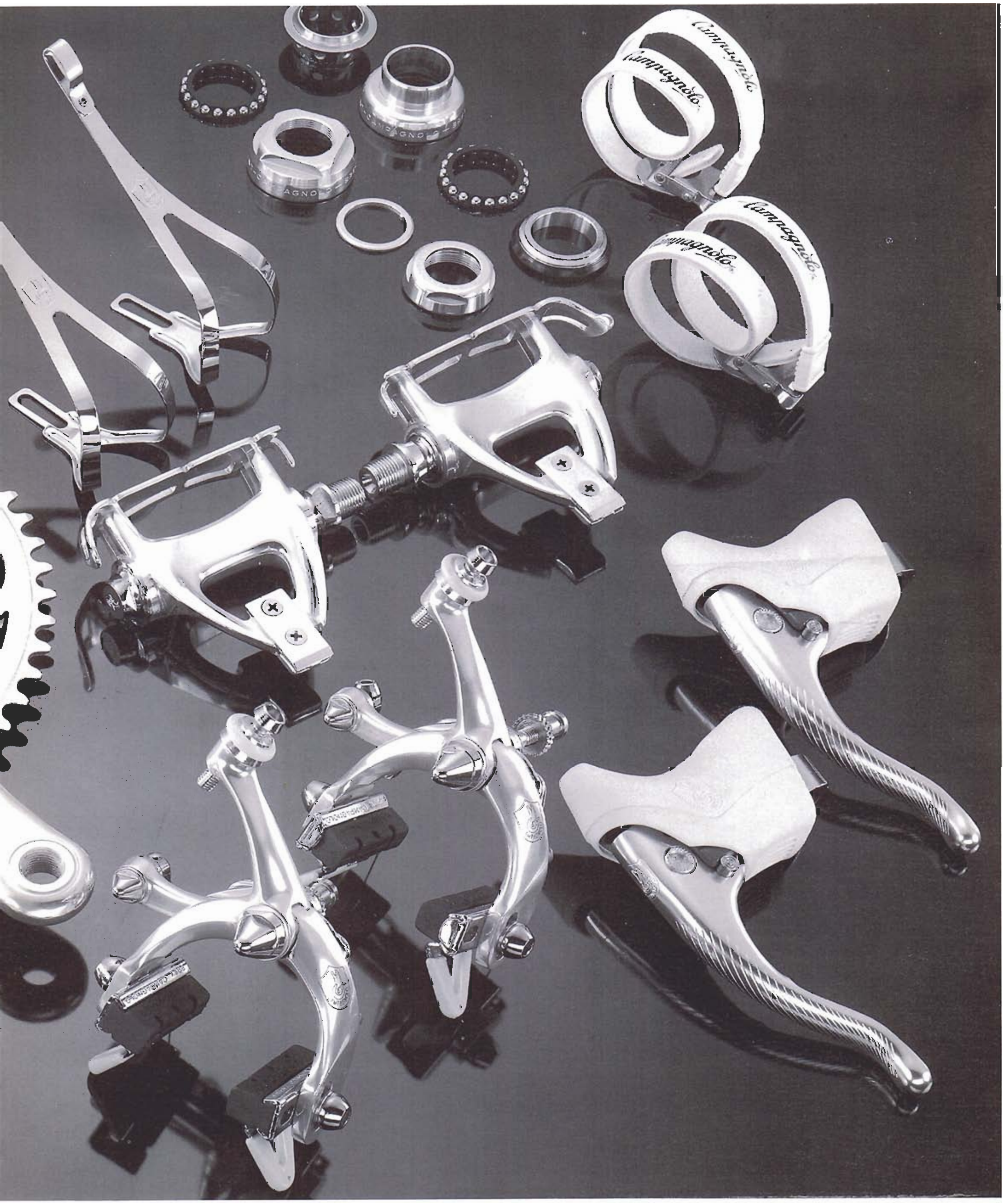
D0D0 ATHENA HEAD SET

1	1133003	Lower cone with jointing
2	7211007	Jointing
3	1134002	Balls set ∅ 3/16" (20 + 20)
4	1131063	Lower cup
5	7133085	Upper cone
6	1131062	Upper cup, Italian thread
6	1131061	Upper cup, French thread
6	1131060	Upper cup, BSC thread
7	7300119	Toothed washer, Italian/BSC thread
7	7300120	Toothed washer, French thread
8	7161192	Locknut, Italian thread
8	7161193	Locknut, French thread
8	7161194	Locknut, BSC thread



CHORUS® GROUP




Campagnolo

Basic Group

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C010	Chorus SM gear	
C021	Chorus braze-on front changer	C022 Chorus clip-on front changer (pipes ø 28,5 mm.)
A281	Record Friction braze-on levers	
C300	Chorus small flange quick release hubs, 36 holes, rear width 126,5 / RH 36, Italian thread mm. 35×24 F	Drillings: 32 Rear width: 130 / RH 36 - 130 / RH 37 Thread: BSC 1,370"×24 F - FR M 34,7×1
C040	Chorus chainwheel, pitch circle diameter 135, crank 170 mm. - 42/52 t.	Cranks length: 172,5 - 175 Inner rings toothing: 39 - 40 - 41 - 43 - 44 - 45 - 46 - 47 Outer rings toothing: 48 - 49 - 50 - 51 - 53 - 54
C0H0	Chorus bottom bracket Italian thread mm. 36×24 F Width 70 mm.	Thread: BSC 1,370"×24 TPI - FR M 35×1 Width: 68 mm.
C600-AM	Chorus pedals complete with medium (M) steel toe-clip and single layer leather strap	Toe-clip length: small (S) - large (L)
C500	Chorus «Mono-Planer System» brakes complete with two brake levers, cables and casings	Athena Compact brake lever (code D056)
C0R2	Chorus styled seat pin 180 mm. ø 27,2 complete with fixing screw and nut ø 8	Length: 180 mm. (code C0R2) ø: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 Length: 130 mm. (code C0R2-S) ø: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 - 27,2
C0D0	Chorus aluminium head set, Italian thread mm. 25,4×24 F	Thread: BSC 1"×24 TPI - FR M 25×1
1120005	Biodynamic bottle with cage	

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Campagnolo decline all responsibilities for any improper use or tampering of the products.

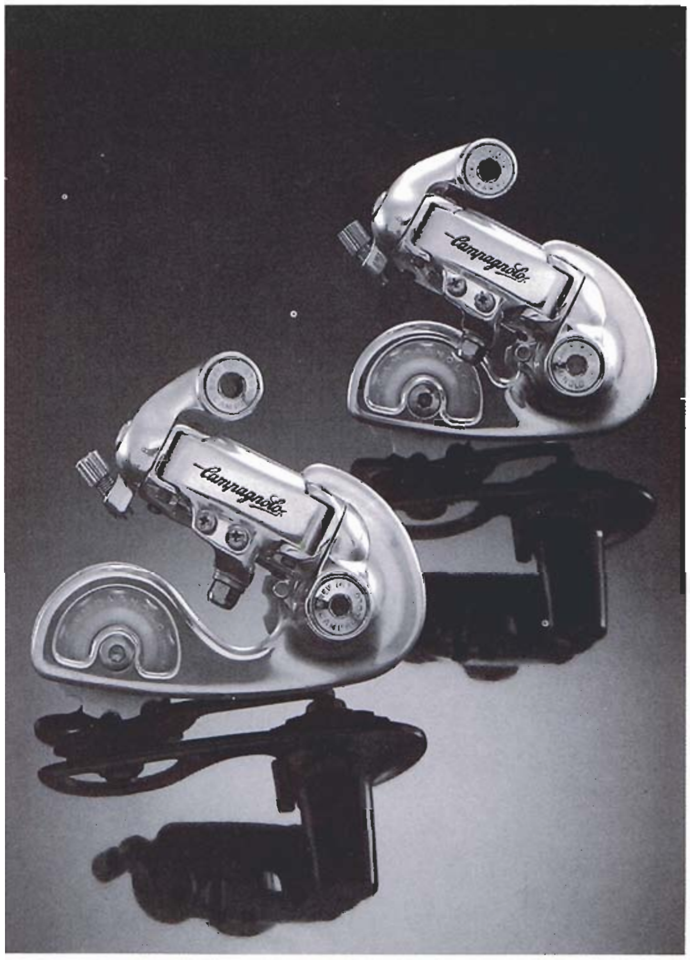
Substitutive components

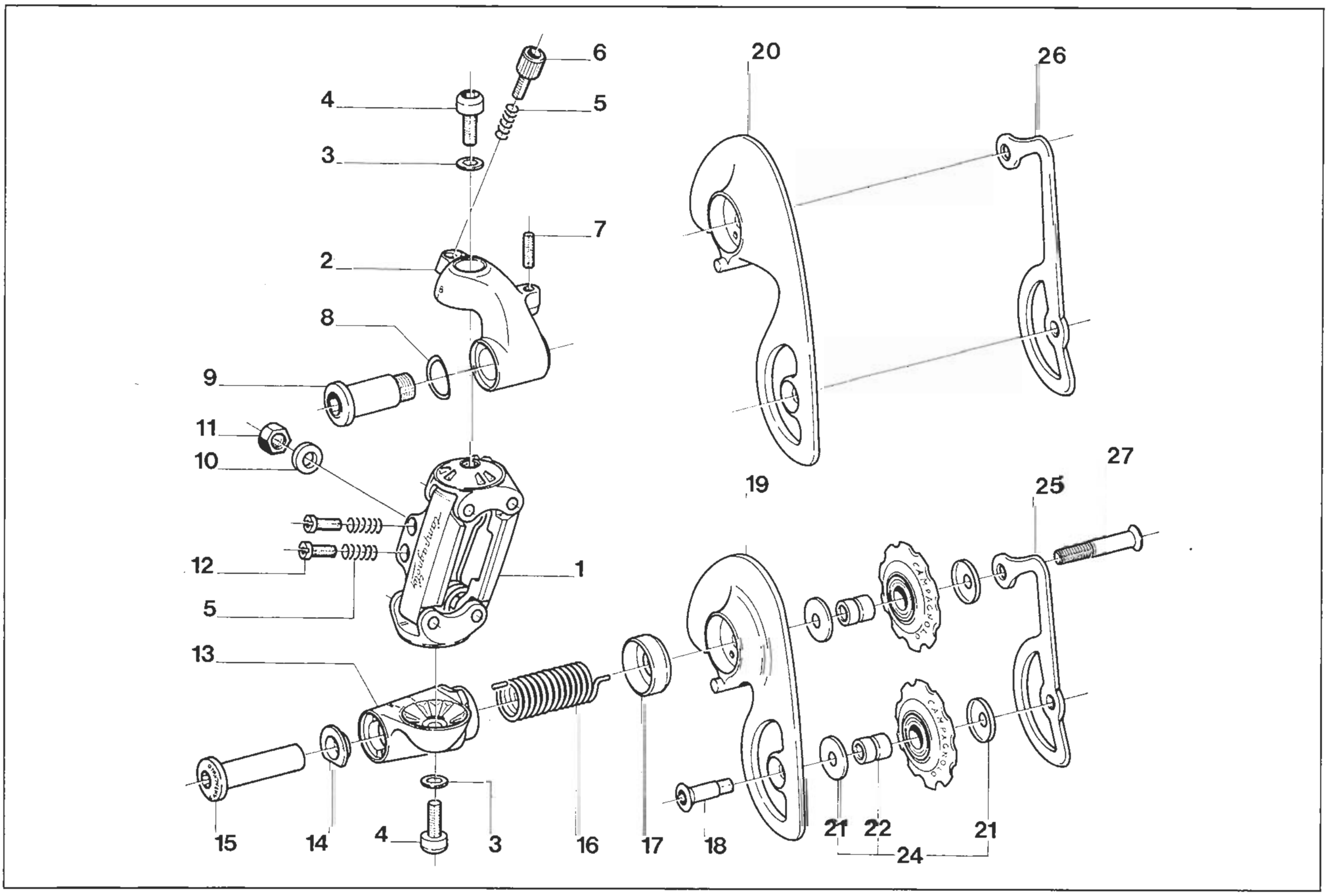
CODE	COMPONENTS	VARIANTS
C010-LG	Chorus LG gear	
C023	Chorus adjustable clip-on front changer (pipes from ∅ 28 to 33 mm.)	
A282	Record Friction clip-on double lever	
A283	Record Friction braze-on on top of tube double lever	
A221	Record Syncro braze-on levers	for 6 or 7 speed freewheel
A222	Record Syncro clip-on double lever	for 6 or 7 speed freewheel
A223	Record Syncro braze-on on top of tube double lever	for 6 or 7 speed freewheel
A271	Record Doppler braze-on levers	
A272	Record Doppler clip-on double lever	
A273	Record Doppler braze-on on top of tube double lever	

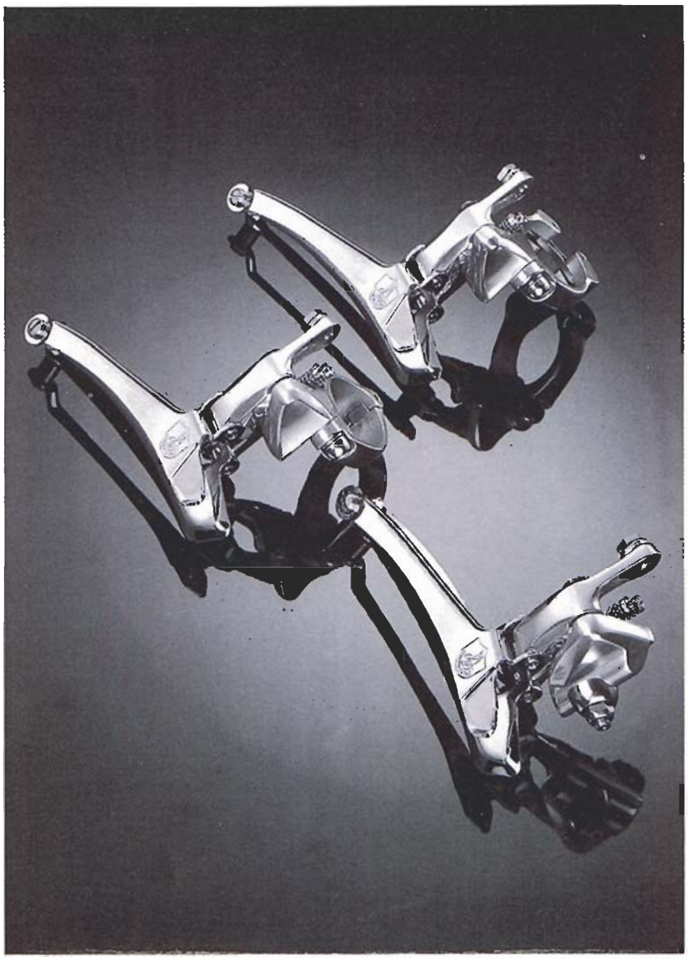
basic version will be supplied.

C010 CHORUS SM GEAR
C010-LG CHORUS LG GEAR

1	1284018	Complete parallelogram
2	7143784	SM gear upper body
2	7143785	LG gear upper body
3	7304006	Elastic washer
4	7350224	Rotating body fixing screw
5	7260094	Front changer adjusting screw spring
6	7350227	Casing adjusting screw
7	7200017	LG gear adjusting dowel
8	7304009	Convex elastic washer
9	7350223	Fixing pivot
10	7300114	Fixing cable screw washer
11	7161187	Fixing cable screw nut
12	7350203	Front changer adjusting screw
13	7143786	Gear lower body
14	7116059	Pivot bolt body bush
15	7350235	Pivot bolt screw
16	7260104	Cage plate rotating spring
17	7116088	Lower body ferrule
18	7350165	Lower roller fixing screw
19	7119036	SM gear outer cage plate
20	7119035	LG gear outer cage plate
21	7146005	Roller dust cover
22	7116006	Roller bush
24	1302005	Complete roller
25	7119037	SM gear inner cage plate
26	7119034	LG gear inner cage plate
27	7350229	Upper roller fixing screw

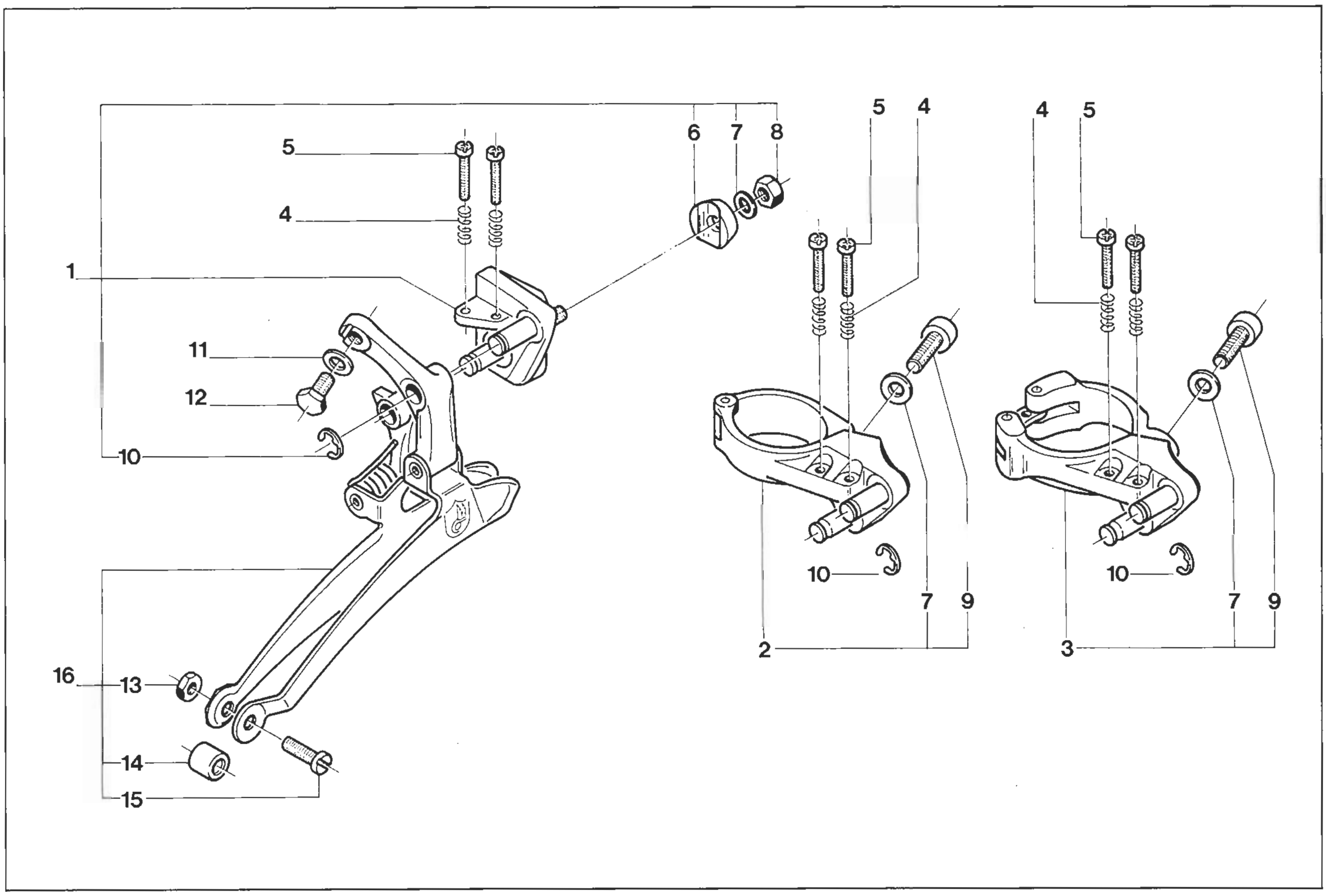






C021 CHORUS BRAZE-ON FRONT CHANGER
C022 CHORUS CLIP-ON FRONT CHANGER
C023 CHORUS ADJUSTABLE CLIP-ON FRONT CHANGER

1	1143072	Complete body (without b/o boss)
2	1143073	Clip-on complete body
3	1143074	Adjustable clip-on complete body
4	7260105	Adjusting screw spring
5	7350228	Fork end adjusting screw
6	7300161	Braze-on front changer concave washer
7	7300117	Clip fixing screw washer
8	7161187	Fixing screw nut
9	7350145	Clip-on front changer fixing screw
10	7100008	Circlip
11	7300114	Fixing cable screw washer
12	7350002	Fixing cable screw
13	7161096	Fork connecting nut in stainless steel
14	7116011	Fork bush
15	7350106	Fork connecting chrone-plated screw
16	1180010	Complete fork



A281 RECORD FRICTION BRAZE-ON LEVERS
A282 RECORD FRICTION CLIP-ON LEVERS
A283 RECORD FRICTION ON TOP OF TUBE LEVERS

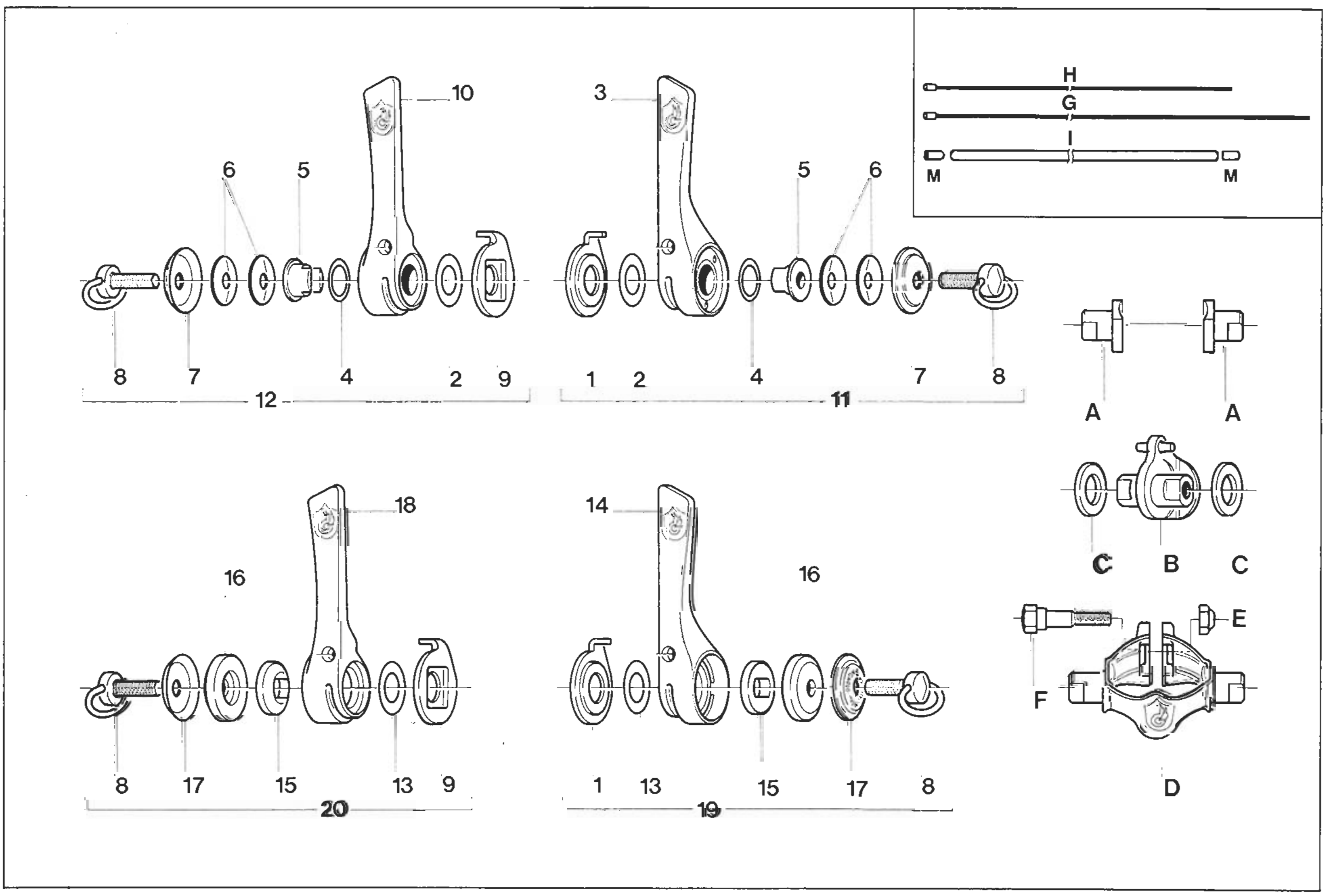
1	7320031	R.H. bracket
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
13	7300178	Bracket washer
14	7264041	R.H. lever
15	7306003	Friction washer
16	7160076	Spacer
17	7136040	Cover
18	7264042	L.H. lever
19	0118091	Gear Record Friction complete lever
20	0118092	Front changer Record Friction complete lever

A271 RECORD DOPPLER BRAZE-ON LEVERS
A272 RECORD DOPPLER CLIP-ON LEVERS
A273 RECORD DOPPLER ON TOP OF TUBE LEVERS

1	7320031	R.H. bracket
2	7306004	Inner friction washer
3	1264014	R.H. lever
4	7306005	Outer friction washer
5	7325002	Square boss milled shim
6	7260086	Cup spring
7	7136040	Cover
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
10	1264015	L.H. lever
11	0118071	Gear Record Doppler complete lever
12	0118072	Front changer Record Doppler complete lever

A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7300149	On top of tube double lever washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and casing end (not assembled)
M	7140003	Casing end







A221 RECORD SYNCRO BRAZE-ON LEVERS
A222 RECORD SYNCRO CLIP-ON LEVERS
A223 RECORD SYNCRO ON TOP OF TUBE LEVERS

1	7320038	R.H. bracket
2	7300178	Bracket washer
3	7264043	R.H. lever
4	7300196	Spacing washer
5	7260108	R.H. lever spring 6
6	see table	Micrometric insert
7	7116085	Release bush
8	1136013	R.H. lever adjusting wing nut
9	7320026	L.H. bracket
10	7300104	Washer
11	7264044	L.H. lever
12	7306003	Friction washer
13	7300115	Washer
14	7136021	Cover
15	7260067	Disc spring
16	1202001	Adjusting wing nut
17	0118130	Gear Record Syncro complete lever, without insert 6
18	0118113	Front changer Record Syncro complete lever
A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7306010	Washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and casing end (not assembled)
M	7140003	Casing end

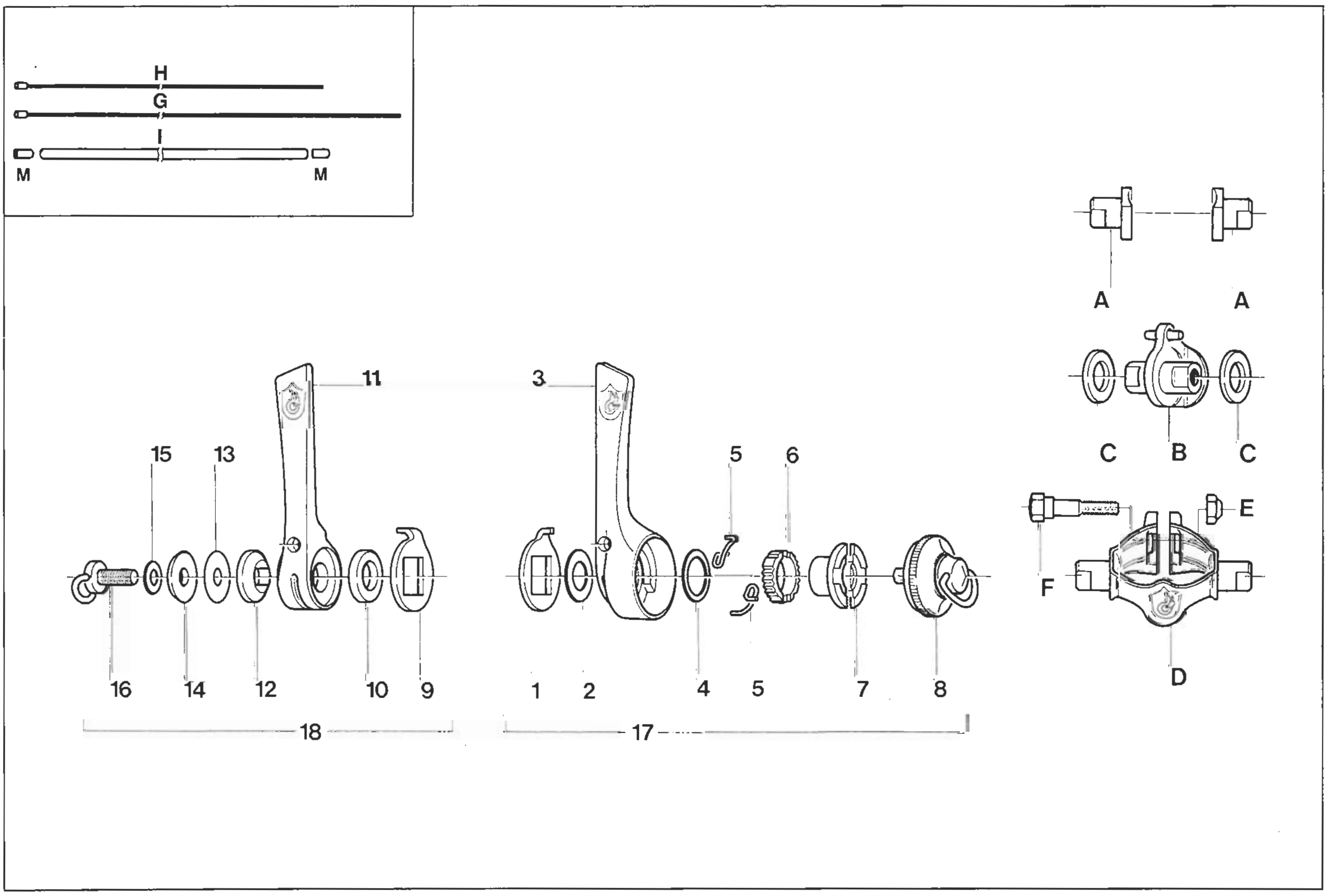




TABLE FOR THE BEST CONNECTION OF «RECORD SYNCRO» LEVERS WITH FREEWHEELS, CHAINS AND GEARS

GEARS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
6 SPEED FREE WHEELS	6 V	6 V	6 V	A 6	B 6	6 V	6 V	6 V
CAMPAGNOLO	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ▲ ■ ○
MAILLARD 700 COURSE	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA AMERICA	● * ▲	● * ▲ ■	● * ▲ ■	● * ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA ORO	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	
SUNTOUR WINNER	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● ▲ ■	* ▲
SHIMANO 105	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
SHIMANO DURA ACE	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
CAIMI	● * ▲ ■	● * ▲ ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○

GEARS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
7 SPEED FREE WHEELS	7 V	7 V	7 V	A 7	B 7	7 V	7 V	7 V
CAMPAGNOLO SERVIZIO CORSA COMPACT	● ■	● ■	● ■	● * ■	● * ■	● * ■	● * ■	● * ■
MAILLARD 700 COMPACT	● ■	● ■	● ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ■
REGINA CX S COMPACT	● ■	● ■	● ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■
SUNTOUR W.P. UC 7000	● ▲	● ■	● ■	● * ■	● * ■	● * ▲	* ▲	
SHIMANO DURA ACE	● *	● *	● *	● *	● *	● * ▲	● * ▲	● * ▲ ■
CAIMI COMPACT	● ▲ ■	● ▲	● ▲ ■	● * ■	● * ■	* ▲ ■	▲ ■	● * ▲ ■ ○

Symbols meaning:
● Regina CX S chain - ■ Sedis Sport chain - ▲ Suntour UC 6000 chain - * Shimano Uniglide 600 chain - ○ Union de luxe
Remark: For Super Record, Victory, Triomphe (extensible to Nuovo Record and LZ) code 7222064.

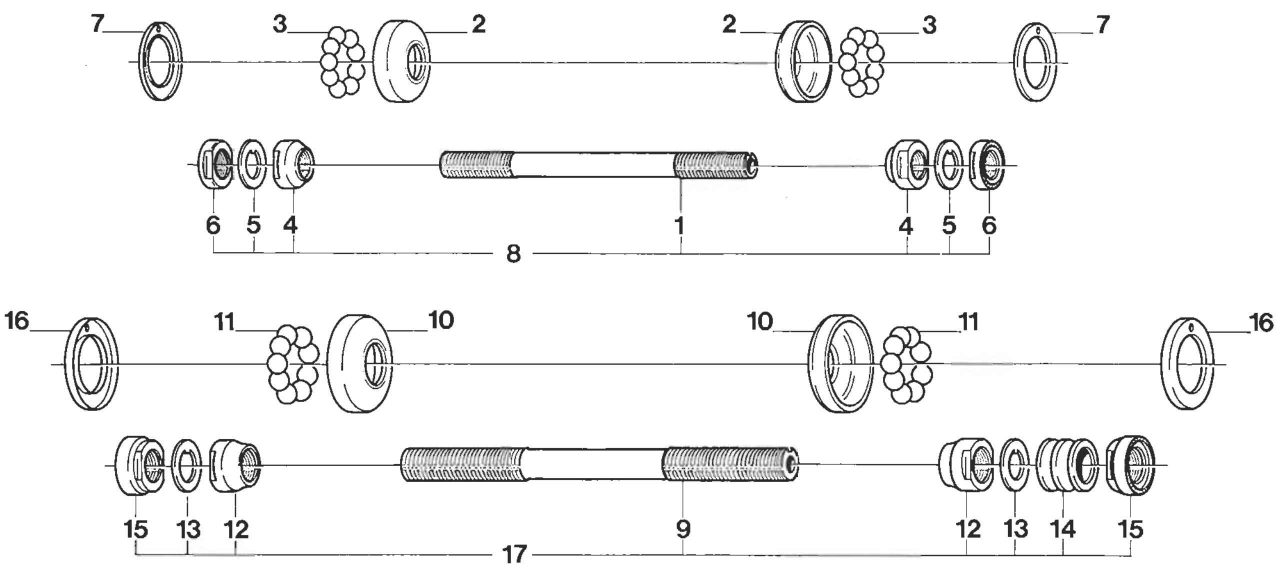


C031 CHORUS SMALL FLANGE FRONT HUB

1	7281023	Hollow axle
2	7131051	Cup
3	1321004	Balls set ø 3/16" (10 + 10)
4	7133074	Cone
5	see spec.	Toothed washer
6	7161170	Locknut
7	7146012	Dust cover
8	1281043	Complete axle

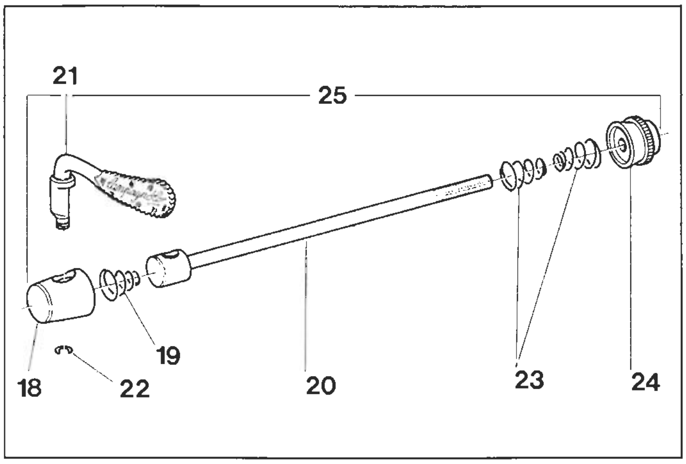
C032 CHORUS SMALL FLANGE REAR HUB

9	7281027	7 speed hollow axle
9	7281211	6 speed hollow axle
10	7131052	Cup
11	1321005	Balls set ø 1/4" (9 + 9)
12	7133053	Cone
13	see spec.	Toothed washer
14	see spec.	Spacer
15	7161173	Locknut by 8 mm.
15	7161172	Locknut by 6,5 mm.
16	7146013	Dust cover
17	1281044	6 speed complete axle
17	1281058	7 speed complete axle, shim adjustment to clearance 36
17	1281059	7 speed complete axle, shim adjustment to clearance 37



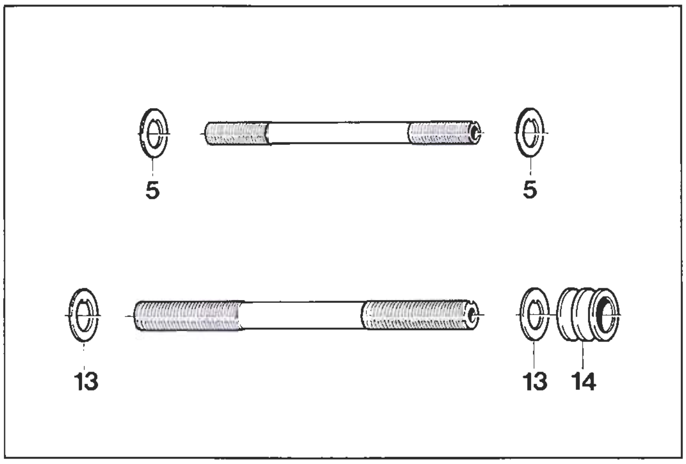
Quick releases

18 7142009 Cap
19 7260014 Tension spring
20 7319021 Front hub locking skewer
20 7319023 Rear hub 6 speed locking skewer
20 7319027 Rear hub 7 speed locking skewer
21 7264027 Lever
22 7100040 Quick release circlip
23 7260002 Conical spring
24 2161006 Adjusting nut
25 1319026 Front complete quick release
25 1319028 Rear 6 speed complete quick release
25 1319029 Rear 7 speed complete quick release

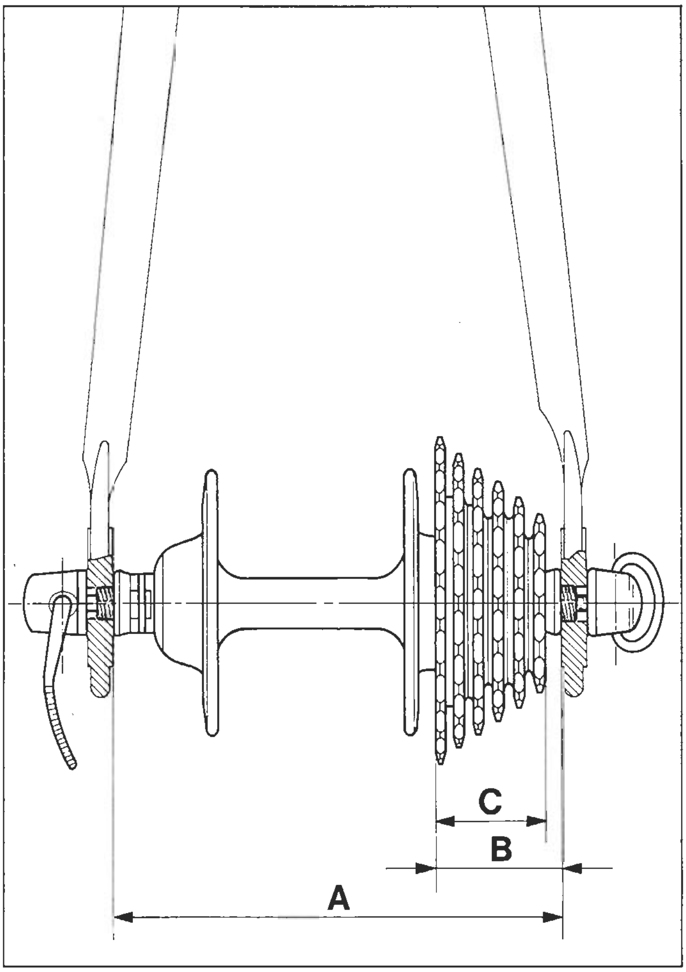


Washers and spacers specifications

5 7300026 Front hub toothed washer by 1 mm.
5 7300027 Front hub toothed washer by 1,5 mm.
5 7300028 Front hub toothed washer by 2 mm.
13 7300040 Rear hub toothed washer by 1 mm.
13 7300041 Rear hub toothed washer by 1,5 mm.
13 7300042 Rear hub toothed washer by 2 mm.
14 7160074 Rear hub spacer by 2,5 mm.
14 7160003 Rear hub spacer by 3,5 mm.
14 7160014 Rear hub spacer by 12,5 mm.
14 7160075 Rear hub spacer by 13,5 mm.



A	B	C
Frame width	R.H. width	Freewheel width
126,5	36	6 sp. up to 32 mm.
	36	7 sp. up to 32 mm.
130	36	6 sp. up to 32 mm.
	36	7 sp. up to 32 mm.
130	37	6 sp. up to 33 mm.
	37	7 sp. up to 33 mm.



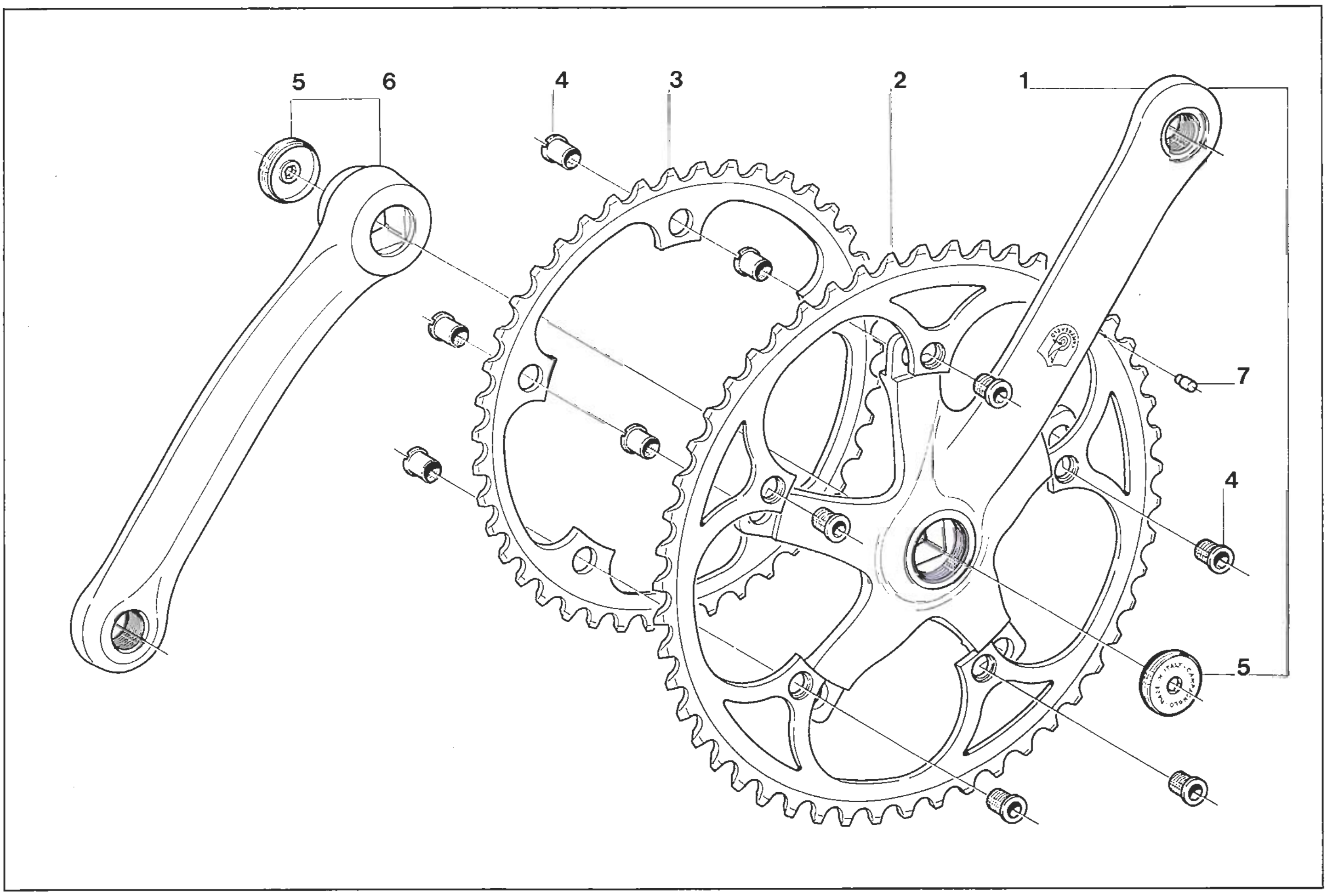


C040 CHORUS CHAINWHEEL

1	C071	R.H. crank, pitch circle diameter 135
2	CZ00	Outer ring, pitch circle diameter 135, with grub
3	AZ00I	Inner ring, pitch circle diameter 135
4	0100009	Rings fixing screw and nut
5	7136041	Crank plate cover
6	C072	L.H. crank
7	7287005	Chain guard grub for ring from 48 to 54 t.

CODE	CRANKS LENGTH		
	170	172.5	175
C071	●	●	●
C072	●	●	●

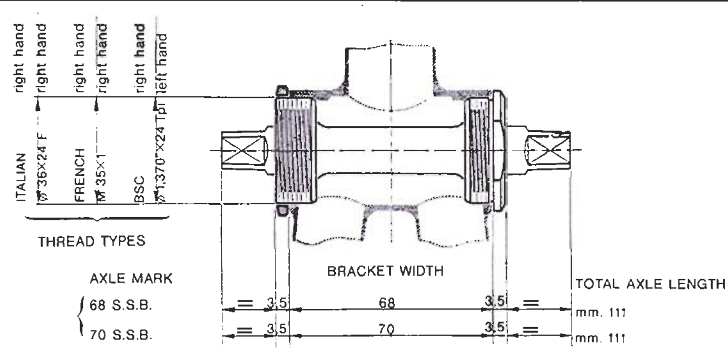
CODE	DESCR.	P.C.D.	RINGS TOOTHING															
			39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
AZ00I	INNER	135	●	●	●	●	●	●	●	●	●							
CZ00	OUTER	135										●	●	●	●	●	●	●

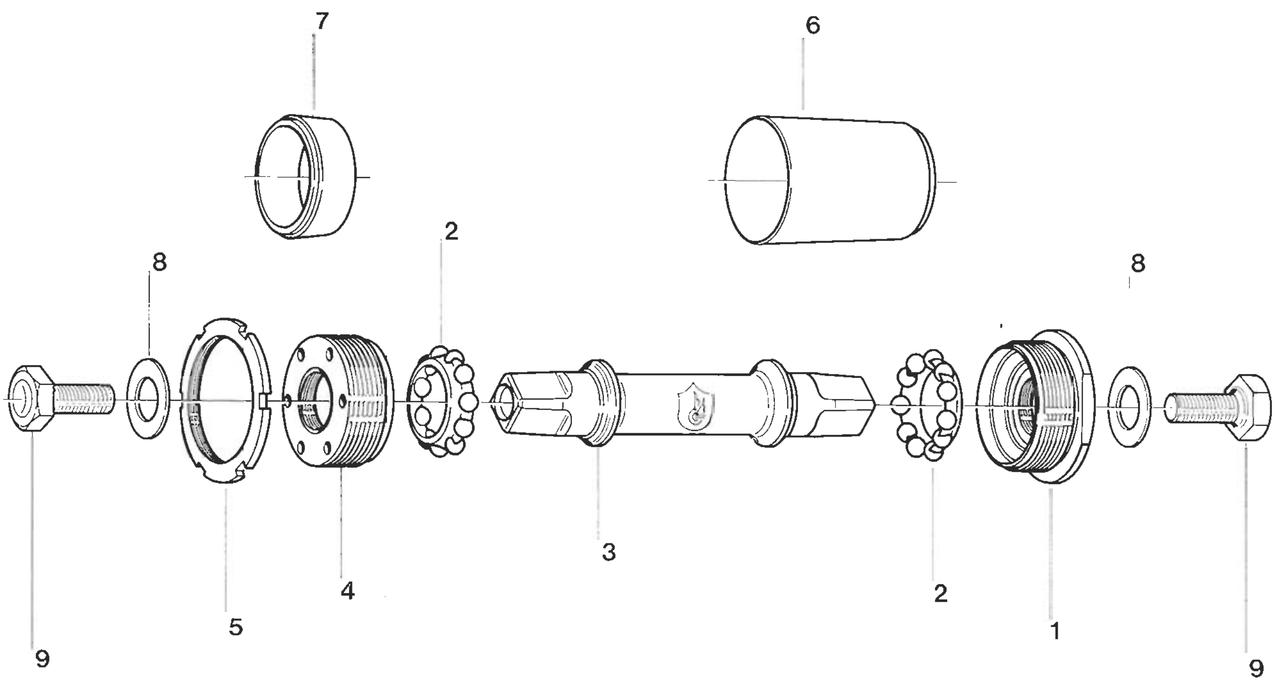


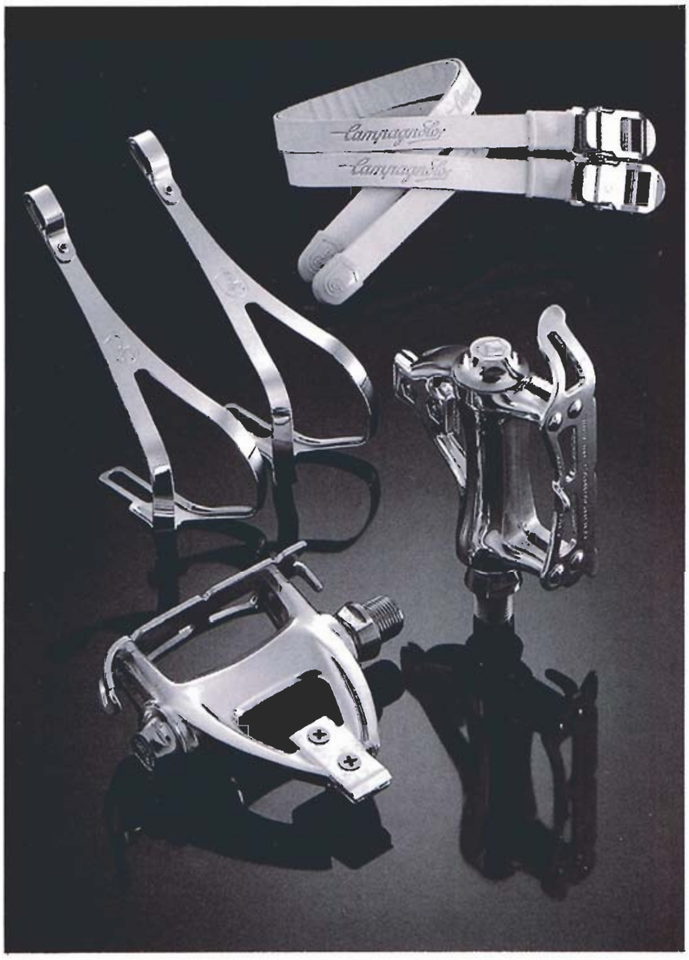
C0H0 CHORUS BOTTOM BRACKET

1	7131075	R.H. fixed cup, Italian thread
1	7131076	R.H. fixed cup, French thread
1	7131077	R.H. fixed cup, BSC thread
2	1134017	Balls set ∅ 1/4" with resin cage
3	7281166	68 SS axle
3	7281167	70 SS axle
4	7131078	L.H. adjustable cup, Italian thread
4	7131079	L.H. adjustable cup, French thread
4	7131080	L.H. adjustable cup, BSC thread
5	7203001	L.H. cup lockring - Italian thread
5	7203002	L.H. cup lockring - French thread
5	7203003	L.H. cup lockring - BSC thread
6	7201012	Sleeve
7	7100009	Sleeve conical ring
8	7300025	Crank fixing screw washer
9	7350025	Crank fixing screw





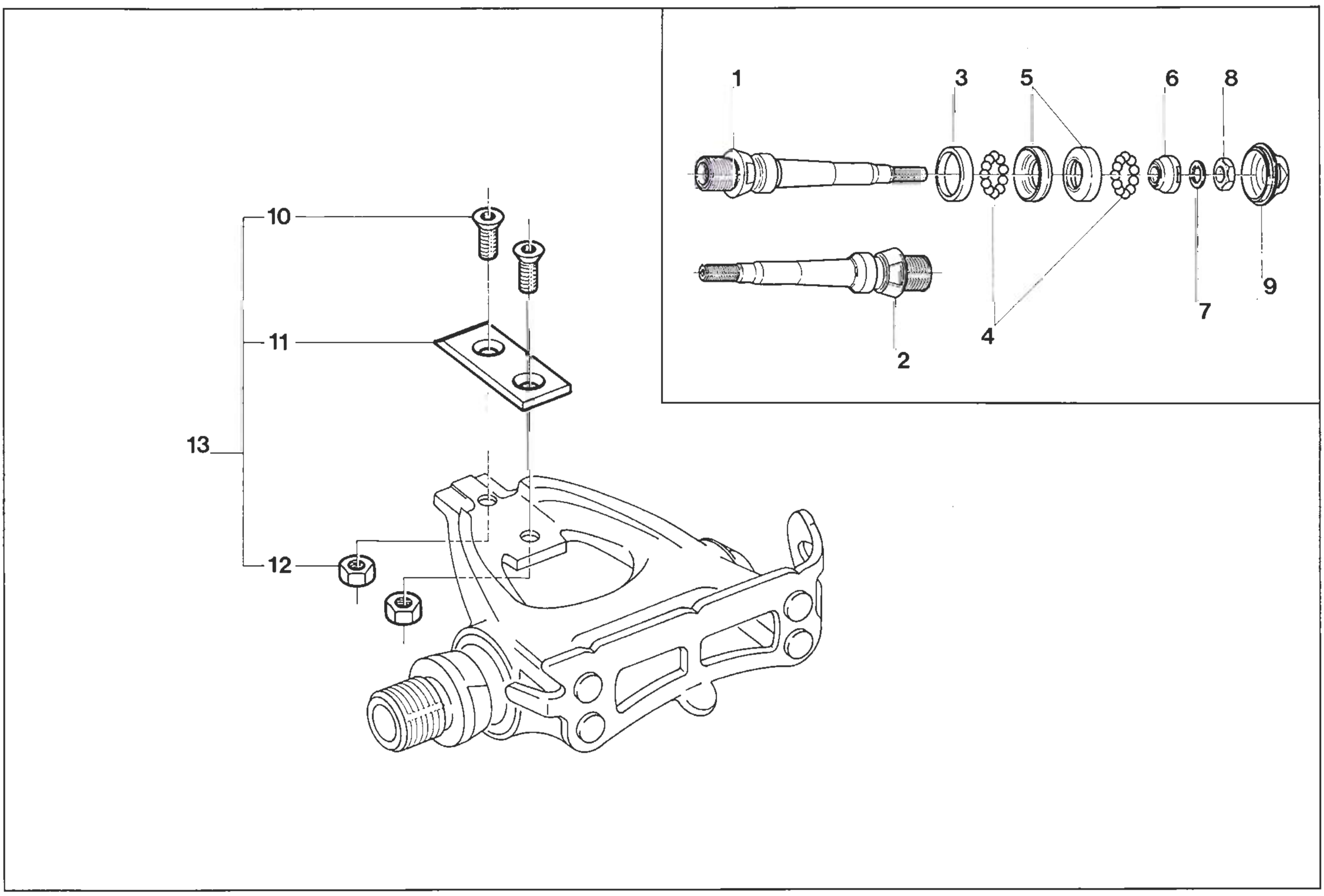




C601-AM CHORUS R.H. PEDAL
C602-AM CHORUS L.H. PEDAL

1	7281232	R.H. axle
2	7281233	L.H. axle
3	7146001	Dust cover
4	1321008	Balls set ∅ 5/32" (24 + 24)
5	7131053	Cup
6	7133002	Cone
7	7300001	Toothed washer
8	7161001	Locknut
9	7136029	Cover
10	7350149	Toe-clip fixing screw
11	7283044	Toe-clip fixing plate
12	7161096	Toe-clip fixing nut
13	1134028	Toe-clip plate and fixing screws set
	0F22-A	Steel toe-clip: small (S) - medium (M) - large (L)
	1153004	Single layer leather strap

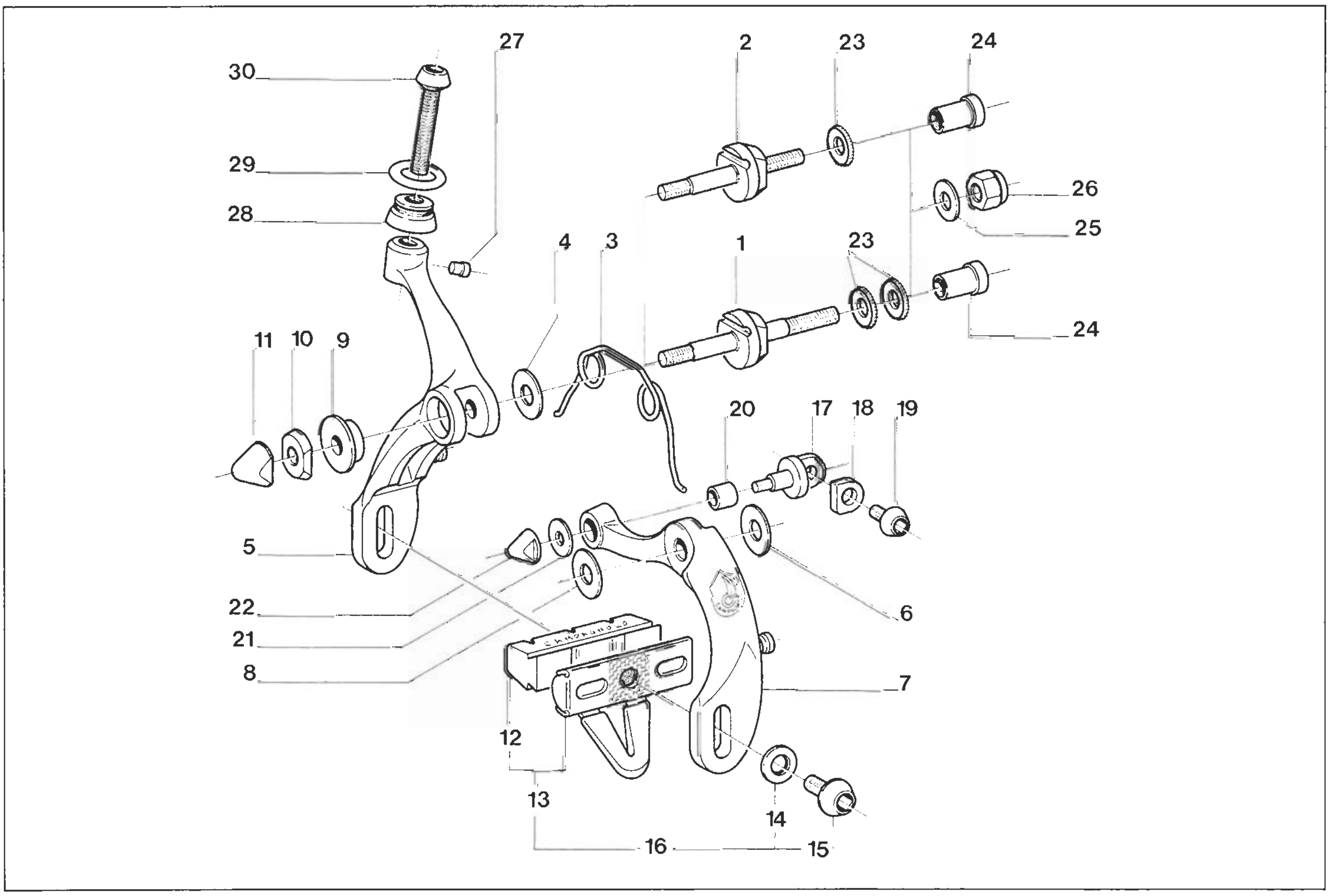
Remark: The pedals are supplied complete with toe-clip and strap



C051 CHORUS FRONT BRAKE
C052 CHORUS REAR BRAKE

1	7281144	Allen front center bolt
2	7281146	Allen rear center bolt
3	7260102	Brake shoe lever return spring
4	7300004	Sliding washer
5	7241094	R.H. front brake shoe lever
5	7241075	R.H. rear brake shoe lever
6	7300195	Sliding washer
7	7241076	L.H. rear brake shoe lever
8	7300005	Inner sliding washer
9	7300184	Spacing washer
10	7161180	Lever fixing nut
11	7161182	Locknut
12	7289007	Brake block
13	2290020	R.H. brake shoe with block, without screw and washer
13	2290021	L.H. brake shoe with block, without screw and washer
14	7300003	Washer
15	7350234	Block fixing screw
16	1290020	R.H. complete brake shoe
16	1290021	L.H. complete brake shoe
17	7281241	Cable clamp axle
18	7300183	Cable clamp washer
19	7350237	Cable clamp screw
20	7116093	Bush
21	7300186	Axle fixing nut washer
22	7161183	Axle fixing nut
23	7300010	Toothed washer
24	7161105	Allen recessed nut
25	7300003	Washer
26	7161072	Self-locking nut
27	7208002	Lever rubber by 47 mm.
28	7161139	Casing end adjusting nut
29	7208011	Adjusting nut rubber
30	7350005	Casing end screw

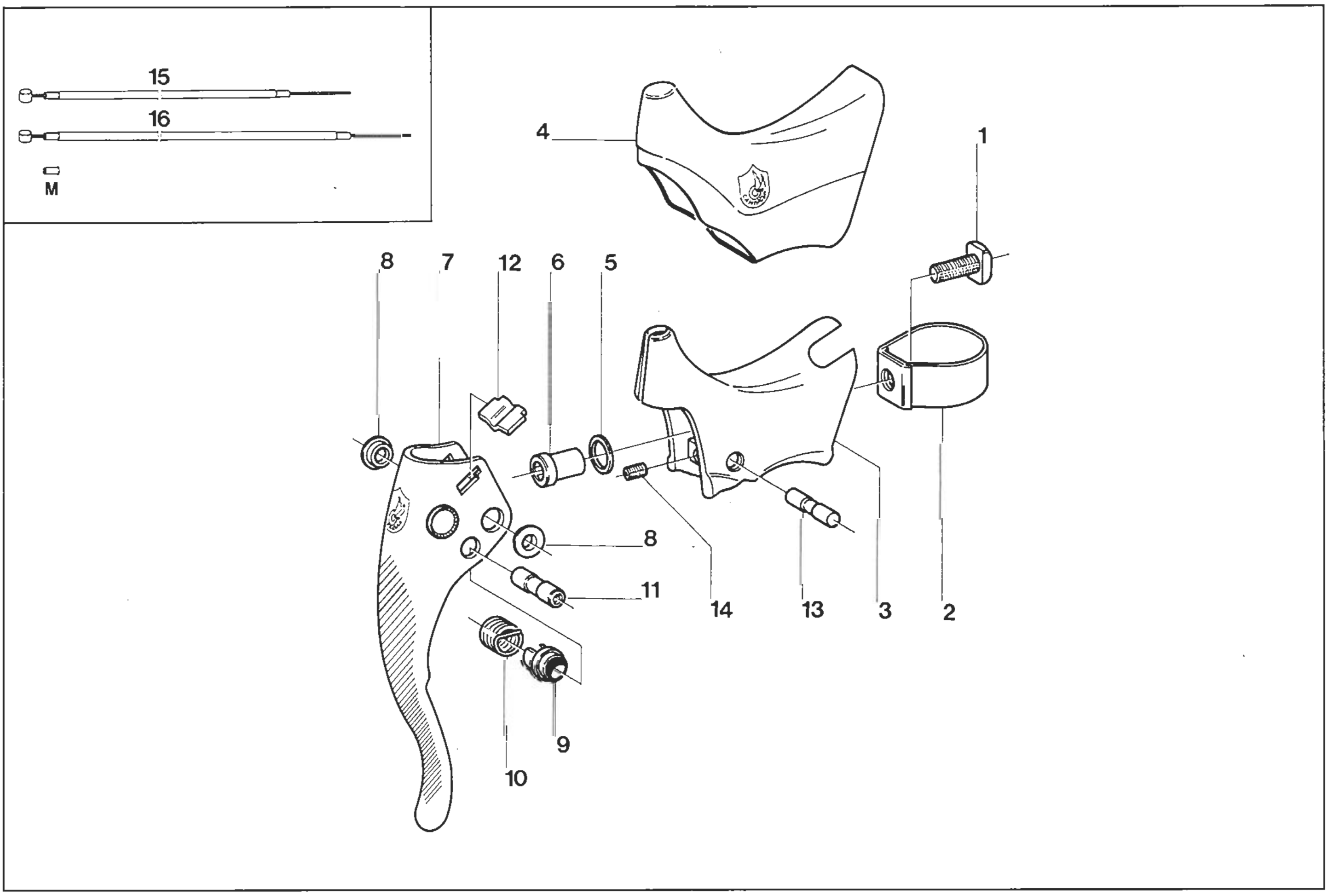






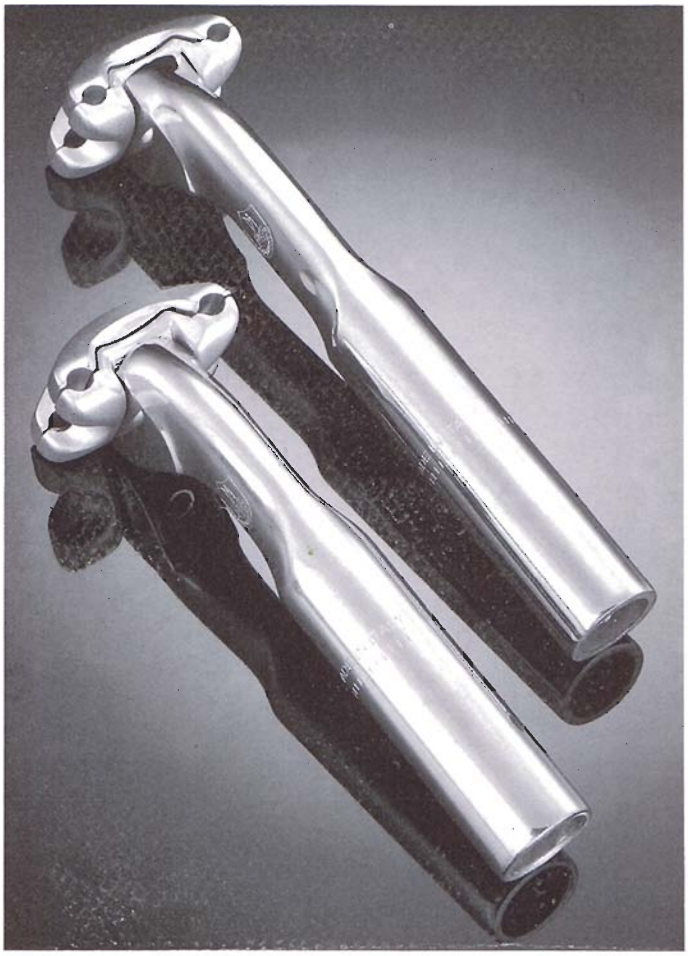
C053 CHORUS BRAKE LEVER

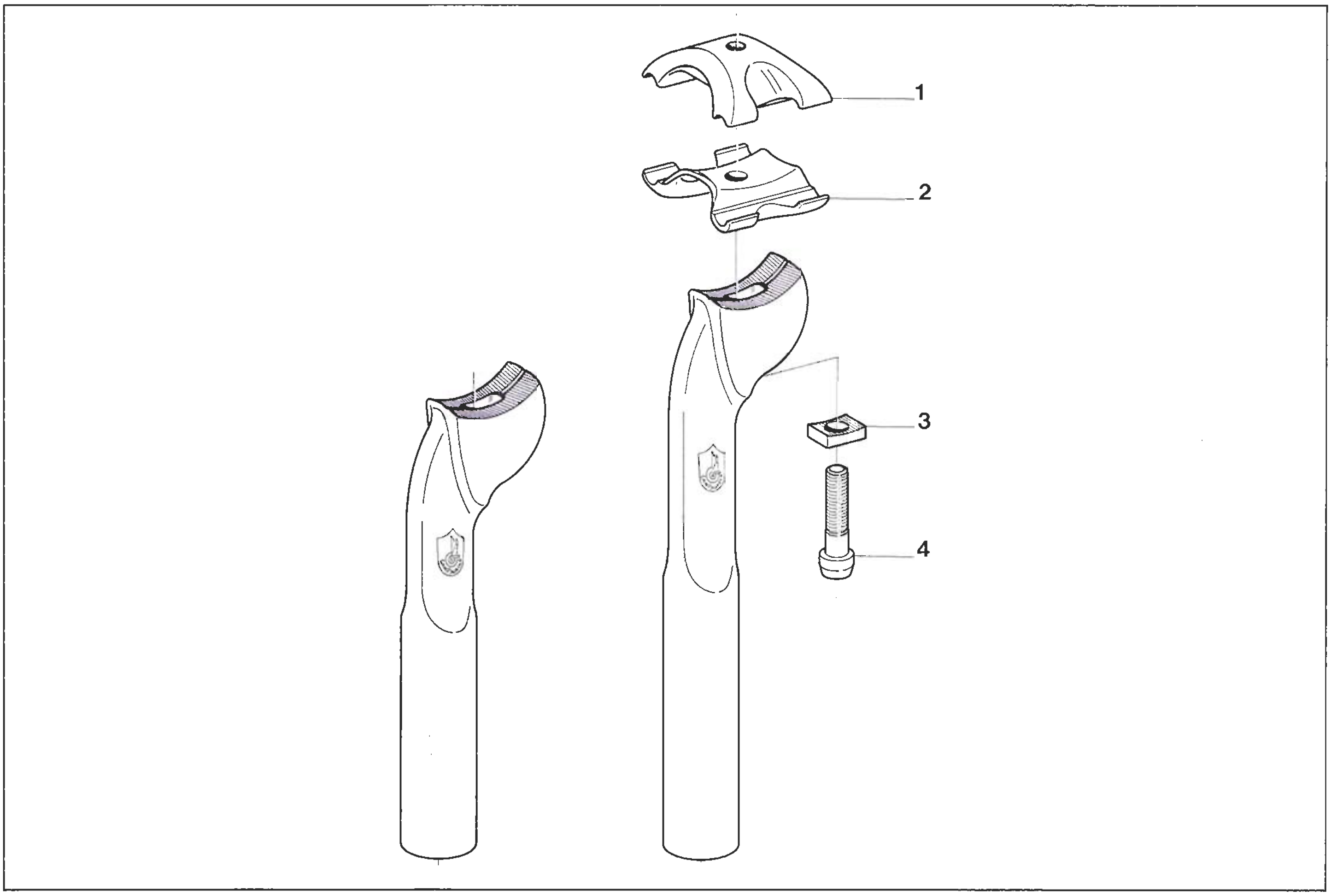
1	7350221	Fixing screw
2	7182031	Fixing-clip
3	7143761	Body
4	7201041	Hood
5	7300177	Washer
6	7161105	Allen recessed nut
7	1241027	Quick release lever with cable holder
7	1241036	Compact quick release levers
8	7116083	Lever bush
9	7116082	Quick release lever bush
10	7260092	Quick release lever spring
11	7281220	Quick release lever axle
12	7283057	Guidecable plate
13	7281221	Pivot pin
14	7200016	Stop dowel
15	0120059	Front brake cable and casing
16	0120060	Rear brake cable and casing
M	7140004	Casing end



C0R1 CHORUS SEAT PIN 180 mm.
C0R1-S CHORUS SEAT PIN 130 mm.

1	7320024	Bracket
2	7316013	Sliding support
3	7300197	Concave washer
4	7350152	Fixing screw

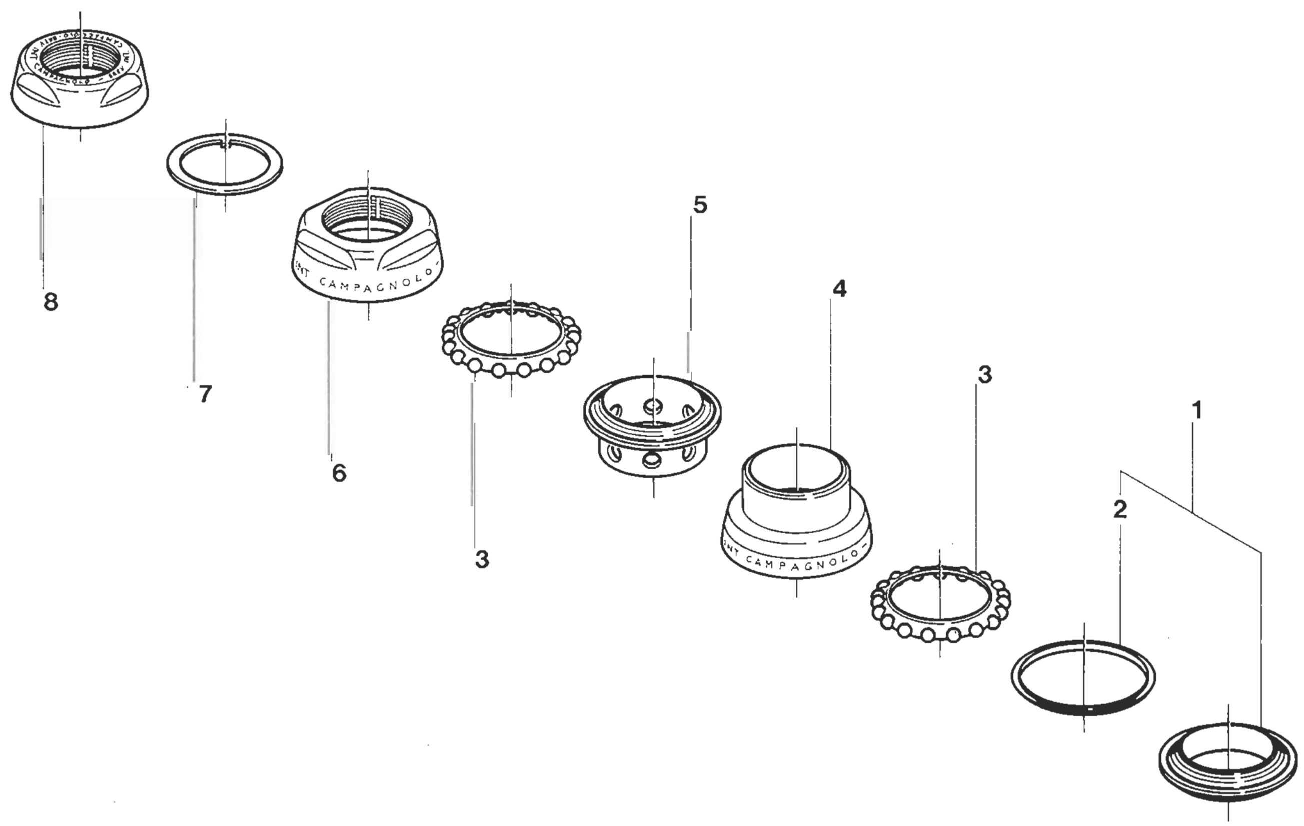




C0D0 CHORUS HEAD SET



1	1133001	Lower cone with jointing
2	7211007	Jointing
3	1134018	Balls set ∅ 3/16" with resin cage
4	1131049	Lower cup
5	7133081	Upper cone
6	1131046	Upper cup, Italian thread
6	1131047	Upper cup, French thread
6	1131048	Upper cup, BSC thread
7	7300119	Toothed washer, Italian/BSC thread
7	7300120	Toothed washer, French thread
8	7161133	Locknut, Italian thread
8	7161134	Locknut, French thread
8	7161135	Locknut, BSC thread



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CROCE D'AUNE® GROUP




Campagnolo
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CAMPAGNOLO

CROCE D'AUNE® GROUP

• WITH BOTTLE CODE B000
• WITHOUT BOTTLE CODE B000A

Basic Group

CODE	COMPONENTS	VARIANTS
B010	Croce d'Aune SM gear	
C021	Chorus braze-on front changer	C022 Chorus clip-on front changer (pipes ∅ 28,5 mm.)
A271	Record Doppler braze-on levers	
B300	Croce d'Aune small flange quick release hubs, 36 holes, rear width 126,5 / RH 36, Italian thread mm. 35×24 F	Drillings: 28 - 32 Rear width: 130 / RH 36 - 130 / RH 37 Thread: BSC 1,370"×24 F - FR M 34,7×1
B040	Croce d'Aune chainwheel, pitch circle diameter 135, 170 mm. crank with incorporated extractor, 42/52 t.	Cranks length: 172,5 - 175 Inner rings toothing: 39 - 40 - 41 - 43 - 44 - 45 - 46 - 47 Outer rings toothing: 48 - 49 - 50 - 51 - 53 - 54
B0H0	Croce d'Aune bottom bracket Italian thread mm. 36×24 F Width 70 mm.	Thread: BSC 1,370"×24 TPI - FR M 35×1 Width: 68 mm.
B620-LM	Croce d'Aune «Triple-Bearing System» pedals complete with medium (M) aluminium toe-clip and shaped single layer leather strap	Toe-clip length: small (S) - large (L) Steel toe-clip: small (S) - medium (M) - large (L) Steel «Multi-Size System» toe-clip: small (S) - medium (M) - large (L)
B500	Croce d'Aune «Penta-Drive System» brakes complete with two «Power-Grade System» brake levers, cables and casings	Record Compact «Power-Grade System» brake lever (code A055)
C0R2	Chorus styled seat pin 180 mm. ∅ 27,2 complete with fixing screw and nut ∅ 8	Length: 180 mm. (code C0R2) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 Length: 130 mm. (code C0R2-S) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 -27,2
C0D0	Chorus aluminium head set, Italian thread mm. 25,4×24 F	Thread: BSC 1"×24 TPI - FR M 25×1
1120005	Biodynamic bottle with cage	

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Campagnolo decline all responsibilities for any improper use or tampering of the products.

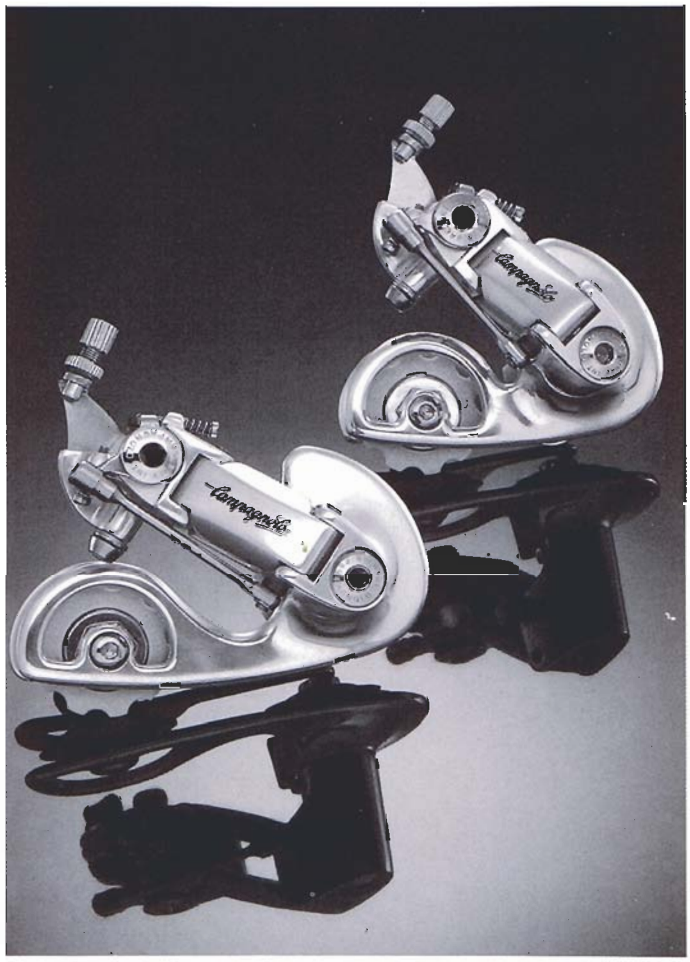
Substitutive components

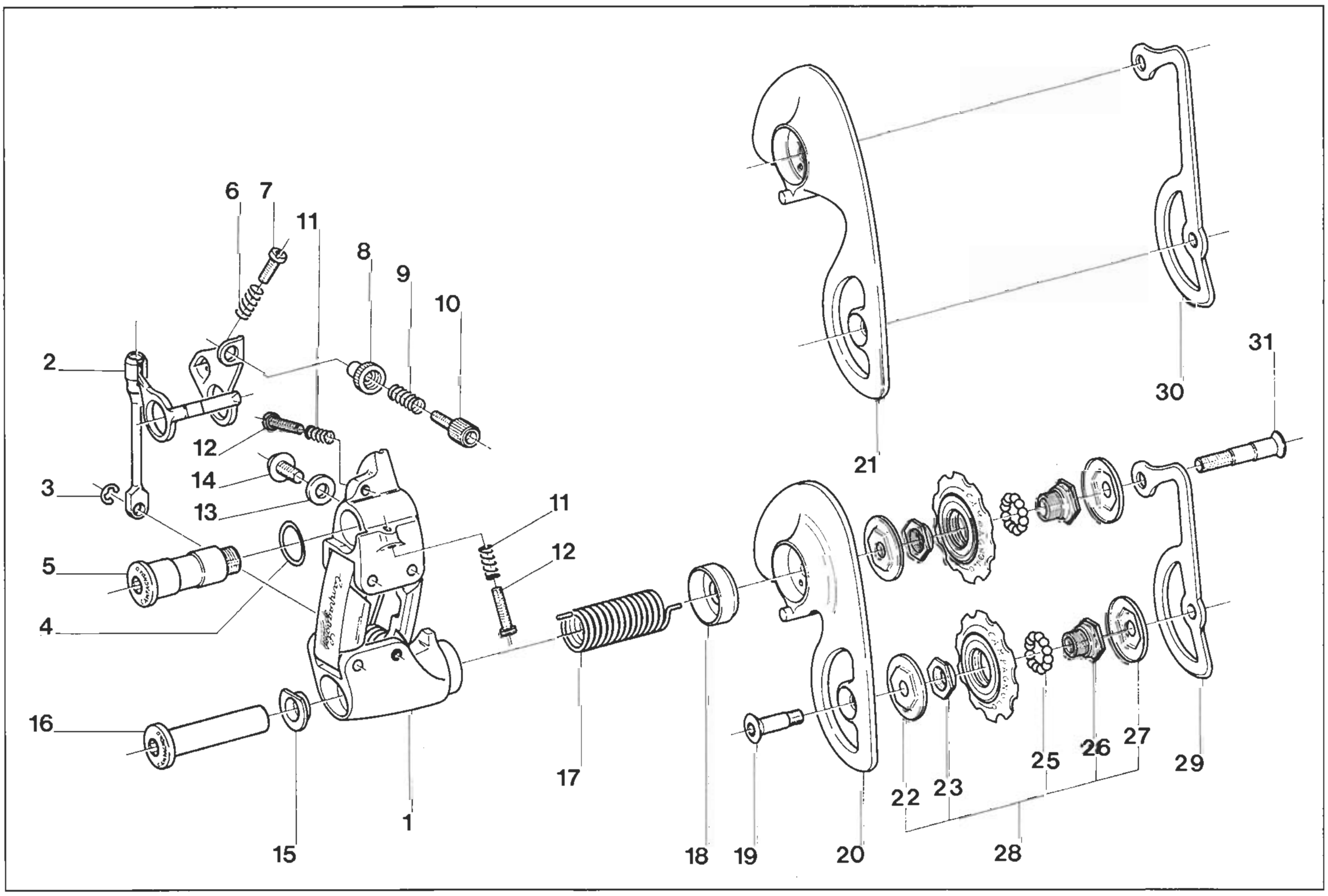
CODE	COMPONENTS	VARIANTS
B010-LG	Croce d'Aune LG gear	
C023	Chorus adjustable clip-on front changer (pipes from ø 28 to 33 mm.)	
A272	Record Doppler clip-on double lever	
A273	Record Doppler braze-on on top of tube double lever	
A221	Record Syncro braze-on levers	for 6 or 7 speed freewheel
A222	Record Syncro clip-on double lever	for 6 or 7 speed freewheel
A223	Record Syncro braze-on on top of tube double lever	for 6 or 7 speed freewheel
A281	Record Friction braze-on levers	
A282	Record Friction clip-on double lever	
A283	Record Friction braze-on on top of tube double lever	

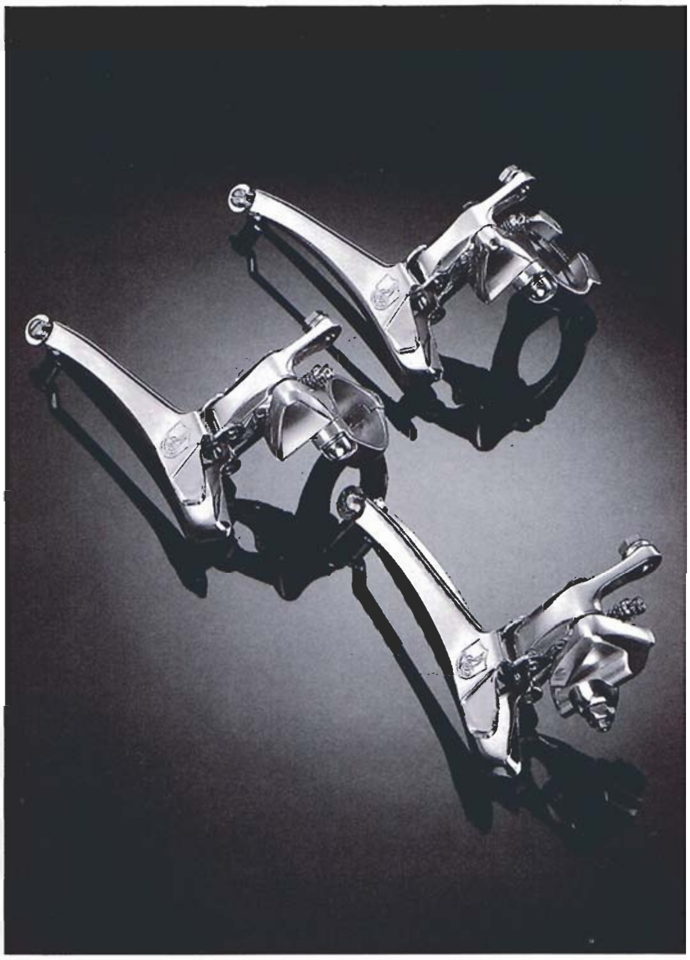
the basic version will be supplied.

B010 CROCE D'AUNE SM GEAR
B010-LG CROCE D'AUNE LG GEAR

1	1284019	SM gear complete parallelogram
1	1284020	LG gear complete parallelogram
2	1101002	«Twin-Axle System» SM gear mechanism
2	1101003	«Twin-Axle System» LG gear mechanism
3	7100049	Gear road stopping ring
4	7304008	Convex elastic washer
5	7350230	Fixing pivot
6	7260093	Adjusting screw spring
7	7350236	Adjusting screw
8	7161175	Casing adjusting nut
9	7260094	Adjusting screw spring
10	7350227	Casing adjusting screw
11	7260105	Adjusting spring
12	7350228	Adjusting screw
13	7300114	Fixing cable screw washer
14	7350237	Fixing cable screw
15	7116059	Pivot bolt body bush
16	7350250	Pivot bolt screw
17	7260100	Cage plate rotating spring
18	7116088	Lower body ferrule
19	7350253	Lower roller fixing screw
20	7119036	SM gear outer cage plate
21	7119035	LG gear outer cage plate
22	7146018	Roller dust cover with indentation
23	7133042	Roller female cone
25	1321010	Balls set ∅ 1/8" (6 + 6)
26	7133041	Roller male cone
27	7146016	Roller dust cover
28	1302006	Complete roller
29	7119037	SM gear inner cage plate
30	7119034	LG gear inner cage plate
31	7350252	Upper roller fixing screw

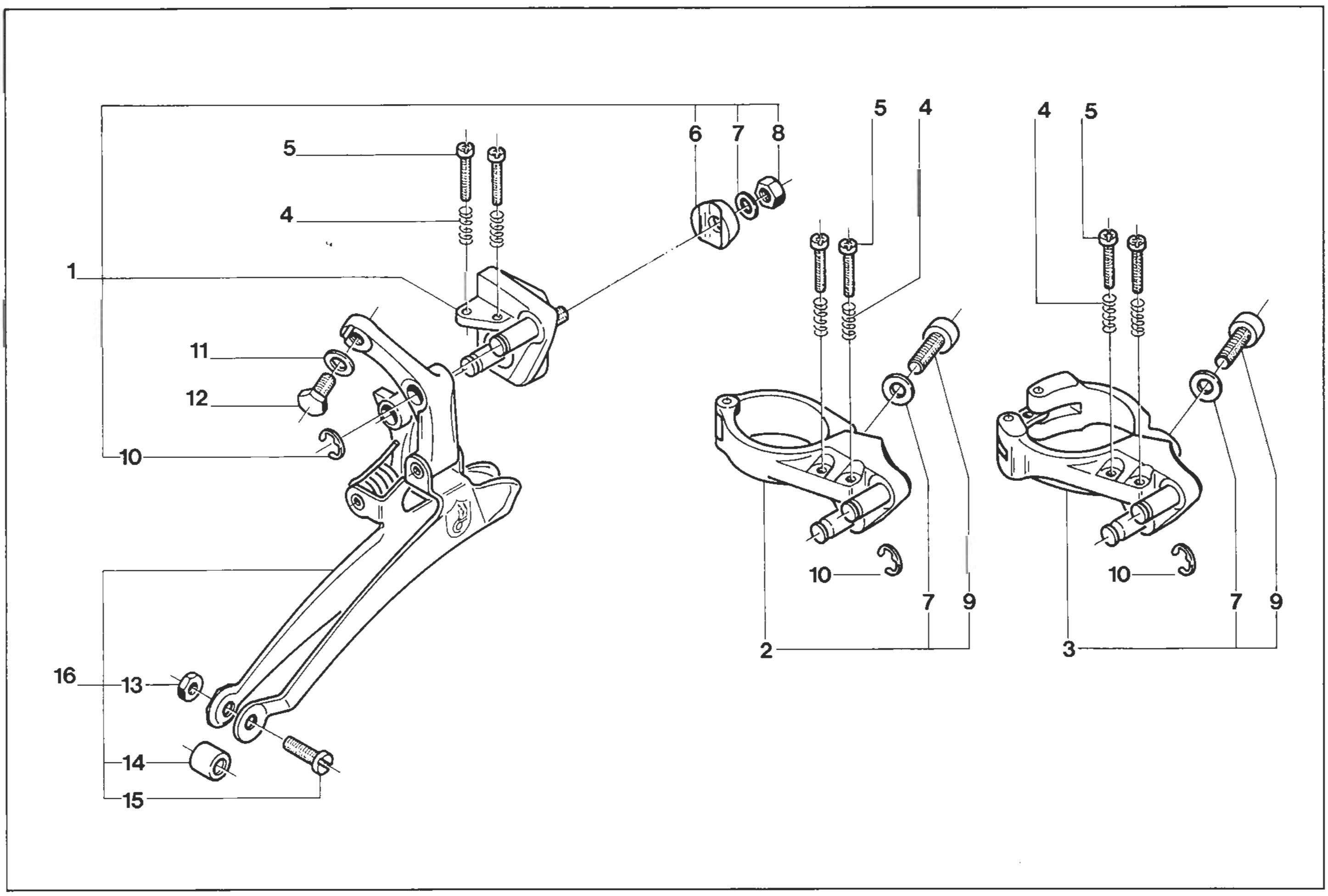






C021 CHORUS BRAZE-ON FRONT CHANGER
C022 CHORUS CLIP-ON FRONT CHANGER
C023 CHORUS ADJUSTABLE CLIP-ON FRONT CHANGER

1	1143072	Complete body (without b/o boss)
2	1143073	Clip-on complete body
3	1143074	Adjustable clip-on complete body
4	7260105	Adjusting screw spring
5	7350228	Fork end adjusting screw
6	7300161	Braze-on front changer concave washer
7	7300117	Clip fixing screw washer
8	7161187	Fixing screw nut
9	7350145	Clip-on front changer fixing screw
10	7100008	Circlip
11	7300114	Fixing cable screw washer
12	7350002	Fixing cable screw
13	7161096	Fork connecting nut in stainless steel
14	7116011	Fork bush
15	7350106	Fork connecting chrome-plated screw
16	1180010	Complete fork



A271 RECORD DOPPLER BRAZE-ON LEVERS
A272 RECORD DOPPLER CLIP-ON LEVERS
A273 RECORD DOPPLER ON TOP OF TUBE LEVERS

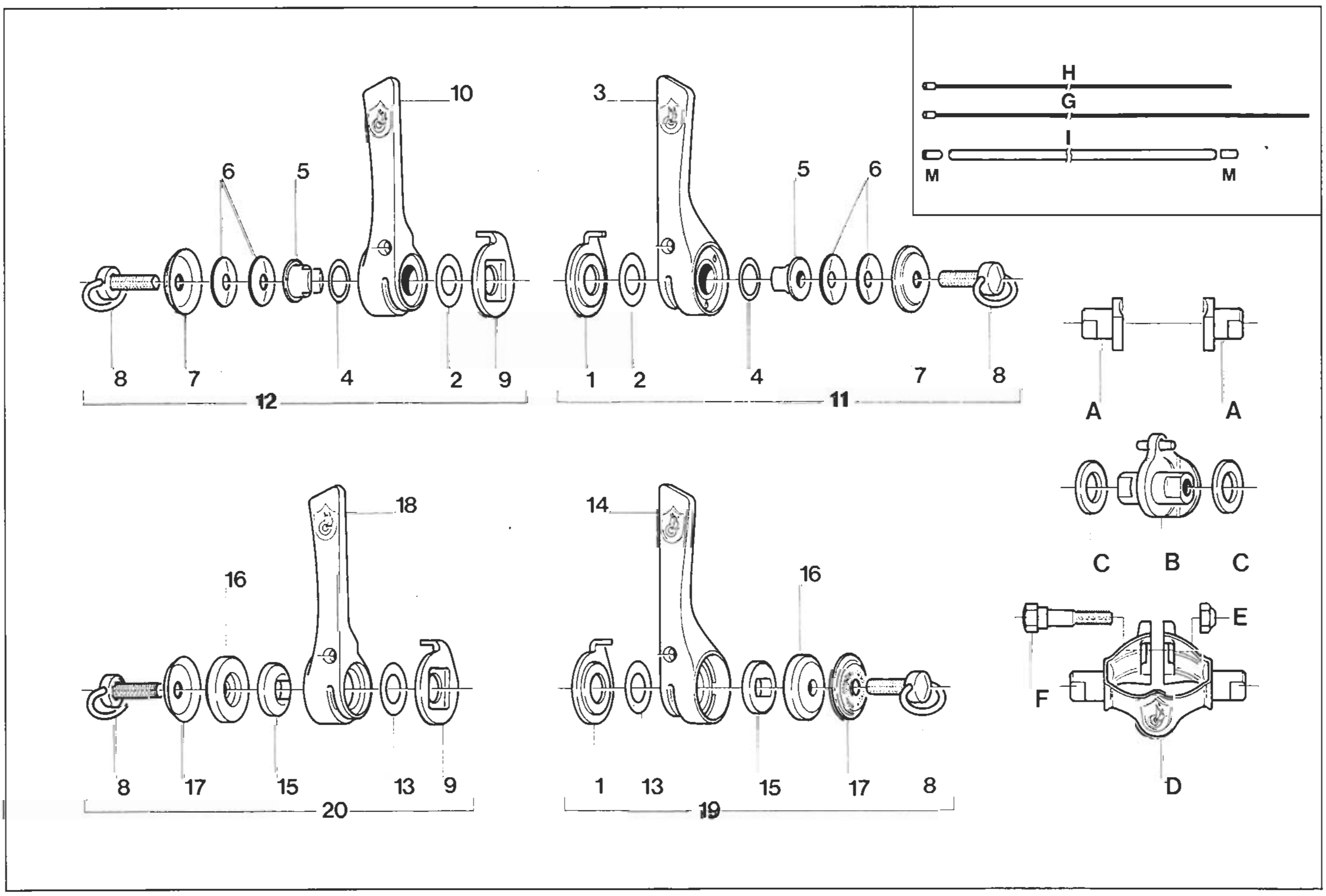
1	7320031	R.H. bracket
2	7306004	Inner friction washer
3	1264014	R.H. lever
4	7306005	Outer friction washer
5	7325002	Square boss milled shim
6	7260086	Cup spring
7	7136040	Cover
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
10	1264015	L.H. lever
11	0118071	Gear Record Doppler complete lever
12	0118072	Front changer Record Doppler complete lever

A281 RECORD FRICTION BRAZE-ON LEVERS
A282 RECORD FRICTION CLIP-ON LEVERS
A283 RECORD FRICTION ON TOP OF TUBE LEVERS

1	7320031	R.H. bracket
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
13	7300178	Bracket washer
14	7264041	R.H. lever
15	7306003	Friction washer
16	7160076	Spacer
17	7136040	Cover
18	7264042	L.H. lever
19	0118091	Gear Record Friction complete lever
20	0118092	Front changer Record Friction complete lever

A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7300149	On top of tube double lever washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and casing end (not assembled)
M	7140003	Casing end





A221 RECORD SYNCRO BRAZE-ON LEVERS
A222 RECORD SYNCRO CLIP-ON LEVERS
A223 RECORD SYNCRO ON TOP OF TUBE LEVERS



1	7320038	R.H. bracket
2	7300178	Bracket washer
3	7264043	R.H. lever
4	7300196	Spacing washer
5	7260108	R.H. lever spring
6	see table	Micrometric insert
7	7116085	Release bush
8	1136013	R.H. lever adjusting wing nut
9	7320026	L.H. bracket
10	7300104	Washer
11	7264044	L.H. lever
12	7306003	Friction washer
13	7300115	Washer
14	7136021	Cover
15	7260067	Disc spring
16	1202001	Adjusting wing nut
17	0118130	Gear Record Syncro complete lever, without insert 6
18	0118113	Front changer Record Syncro complete lever
A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7306010	Washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and casing end (not assembled)
M	7140003	Casing end

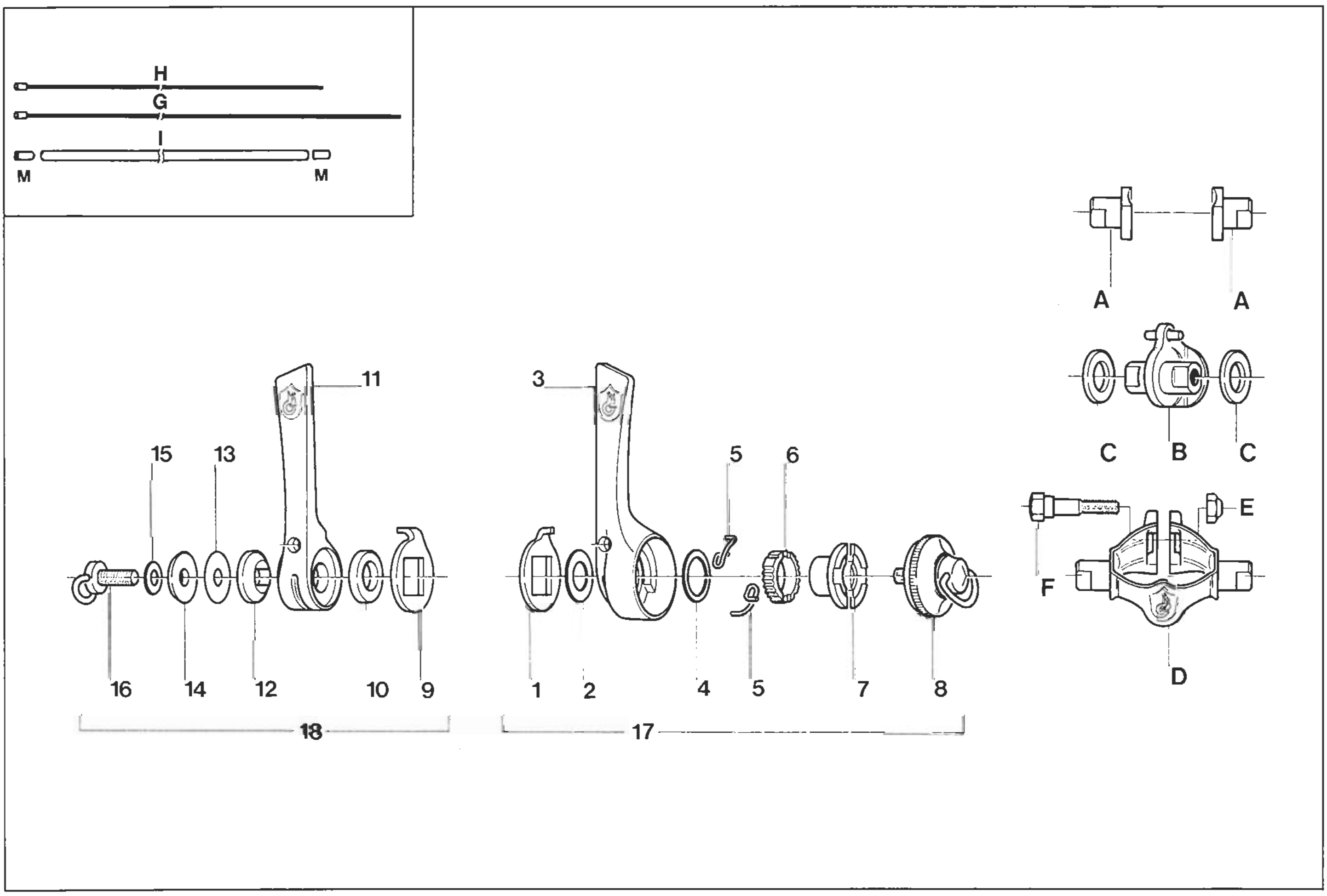




TABLE FOR THE BEST CONNECTION OF «RECORD SYNCRO» LEVERS WITH FREEWHEELS, CHAINS AND GEARS

GEARS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
6 SPEED FREE WHEELS	6 V	6 V	6 V	A 6	B 6	6 V	6 V	6 V
CAMPAGNOLO	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ▲ ■ ○
MAILLARD 700 COURSE	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA AMERICA	● * ▲	● * ▲ ■	● * ▲ ■	● * ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA ORO	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	
SUNTOUR WINNER	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● ▲ ■	* ▲
SHIMANO 105	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
SHIMANO DURA ACE	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
CAIMI	● * ▲ ■	● * ▲ ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○

GEARS								
7 SPEED FREE WHEELS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
	7 V	7 V	7 V	A 7	B 7	7 V	7 V	7 V
CAMPAGNOLO SERVIZIO CORSA COMPACT	● ■	● ■	● ■	● * ■	● * ■	● * ■	● * ■	● * ■
MAILLARD 700 COMPACT	● ■	● ■	● ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ■
REGINA CX S COMPACT	● ■	● ■	● ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■
SUNTOUR W.P. UC 7000	● ▲	● ■	● ■	● * ■	● * ■	● * ▲	* ▲	
SHIMANO DURA ACE	● *	● *	● *	● *	● *	● * ▲	● * ▲	● * ▲ ■
CAIMI COMPACT	● ▲ ■	● ▲	● ▲ ■	● * ■	● * ■	* ▲ ■	▲ ■	● * ▲ ■ ○

Symbols meaning:
● Regina CX S chain - ■ Sedis Sport chain - ▲ Suntour UC 6000 chain - * Shimano Uniglide 600 chain - ○ Union de luxe
Remark: For Super Record, Victory, Triomphe (extensible to Nuovo Record and LZ) code 7222064.

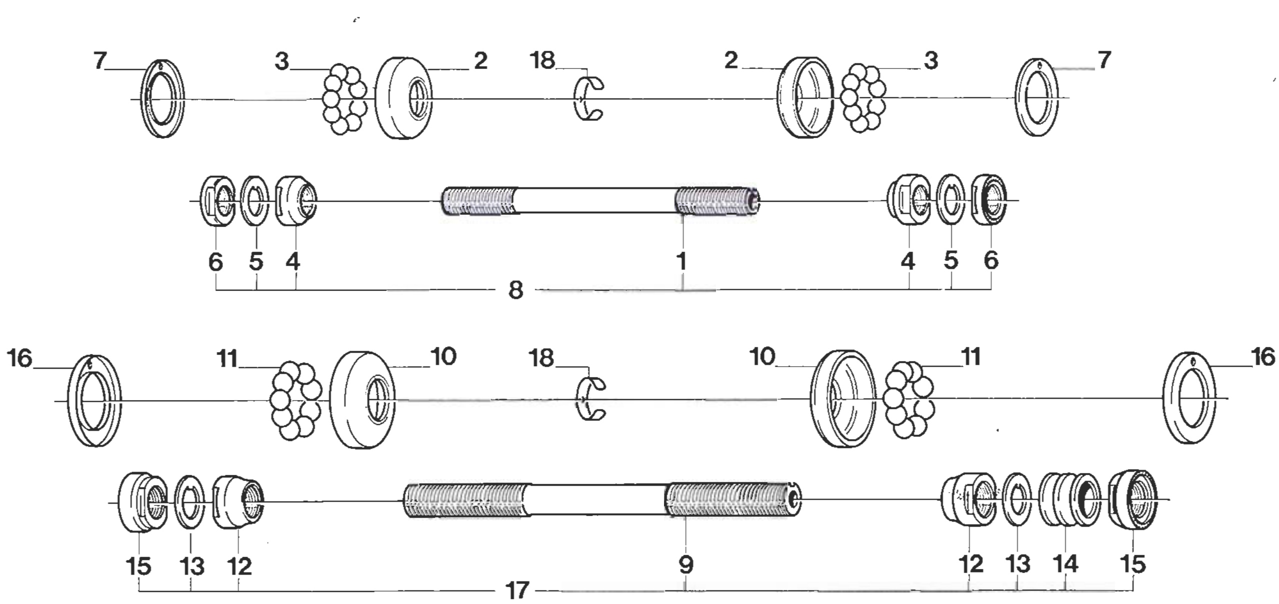


B031 CROCE D'AUNE SMALL FLANGE FRONT HUB

1	7281023	Hollow axle
2	7131051	Cup
3	1321004	Balls set ∅ 3/16" (10 + 10)
4	7133074	Cone
5	see spec.	Toothed washer
6	7161170	Locknut
7	7146012	Dust cover
8	1281043	Complete axle
18	7182028	Oiler hole central clip

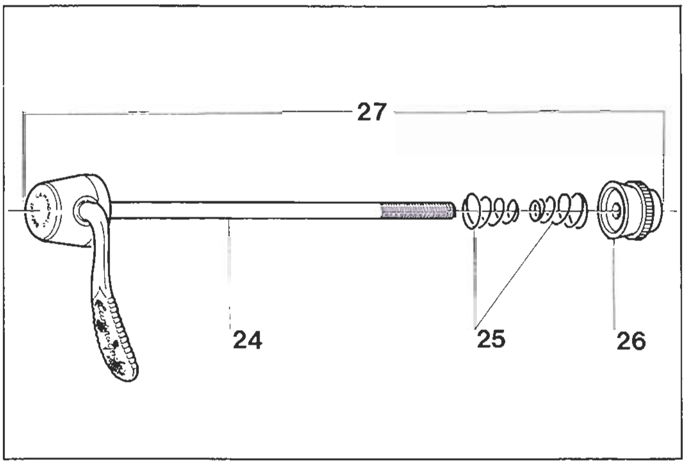
B032 CROCE D'AUNE SMALL FLANGE REAR HUB

9	7281027	7 speed hollow axle
9	7281211	6 speed hollow axle
10	7131052	Cup
11	1321005	Balls set ∅ 1/4" (9 + 9)
12	7133053	Cone
13	see spec.	Toothed washer
14	see spec.	Spacer
15	7161173	Locknut by 8 mm.
15	7161172	Locknut by 6,5 mm.
16	7146013	Dust cover
17	1281044	6 speed complete axle
17	1281058	7 speed complete axle, shim adjustment to clearance 36
17	1281059	7 speed complete axle, shim adjustment to clearance 37
18	7182028	Oiler hole central clip



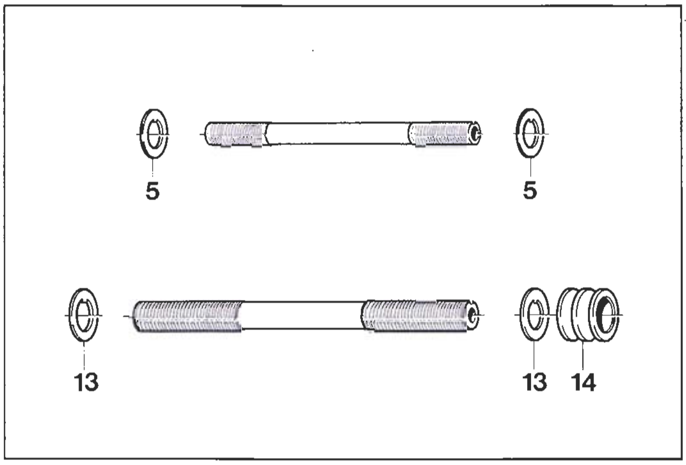
Quick releases

24	2319045	Front hub locking skewer
24	2319047	Rear hub 6 speed locking skewer
24	2319048	Rear hub 7 speed locking skewer
25	7260002	Conical spring
26	2161006	Adjusting nut
27	1319040	Front complete quick release
27	1319042	Rear 6 speed complete quick release
27	1319043	Rear 7 speed complete quick release

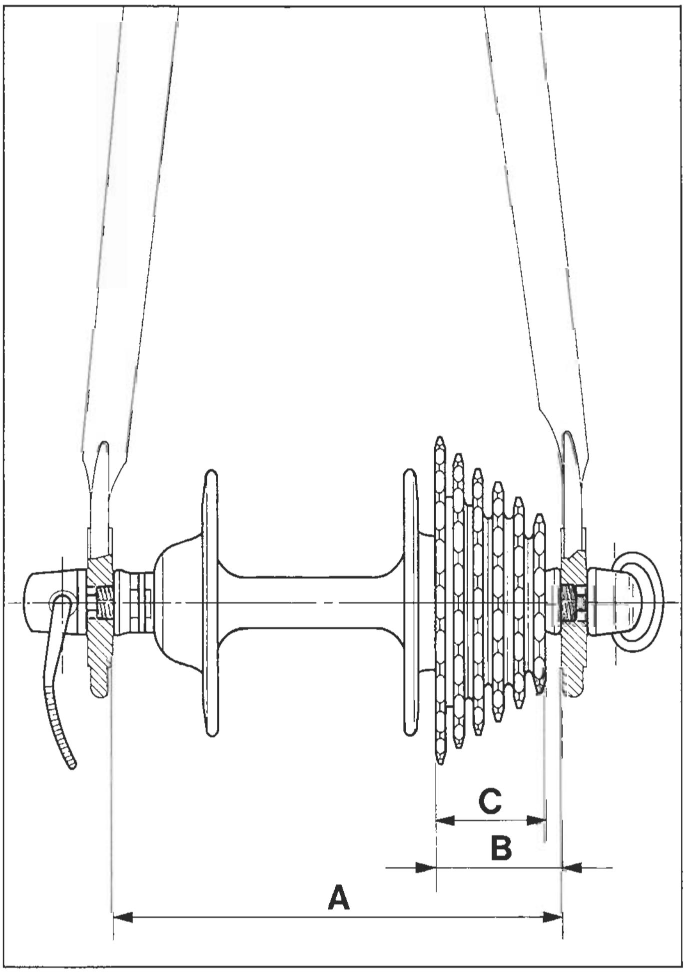


Washers and spacers specifications

5	7300026	Front hub toothed washer by 1 mm.
5	7300027	Front hub toothed washer by 1,5 mm.
5	7300028	Front hub toothed washer by 2 mm.
13	7300040	Rear hub toothed washer by 1 mm.
13	7300041	Rear hub toothed washer by 1,5 mm.
13	7300042	Rear hub toothed washer by 2 mm.
14	7160074	Rear hub spacer by 2,5 mm.
14	7160003	Rear hub spacer by 3,5 mm.
14	7160014	Rear hub spacer by 12,5 mm.
14	7160075	Rear hub spacer by 13,5 mm.



A	B	C
Frame width	**R.H. width**	**Freewheel width**
126,5	36	6 sp. up to 32 mm.
	36	7 sp. up to 32 mm.
130	36	6 sp. up to 32 mm.
	36	7 sp. up to 32 mm.
130	37	6 sp. up to 33 mm.
	37	7 sp. up to 33 mm.



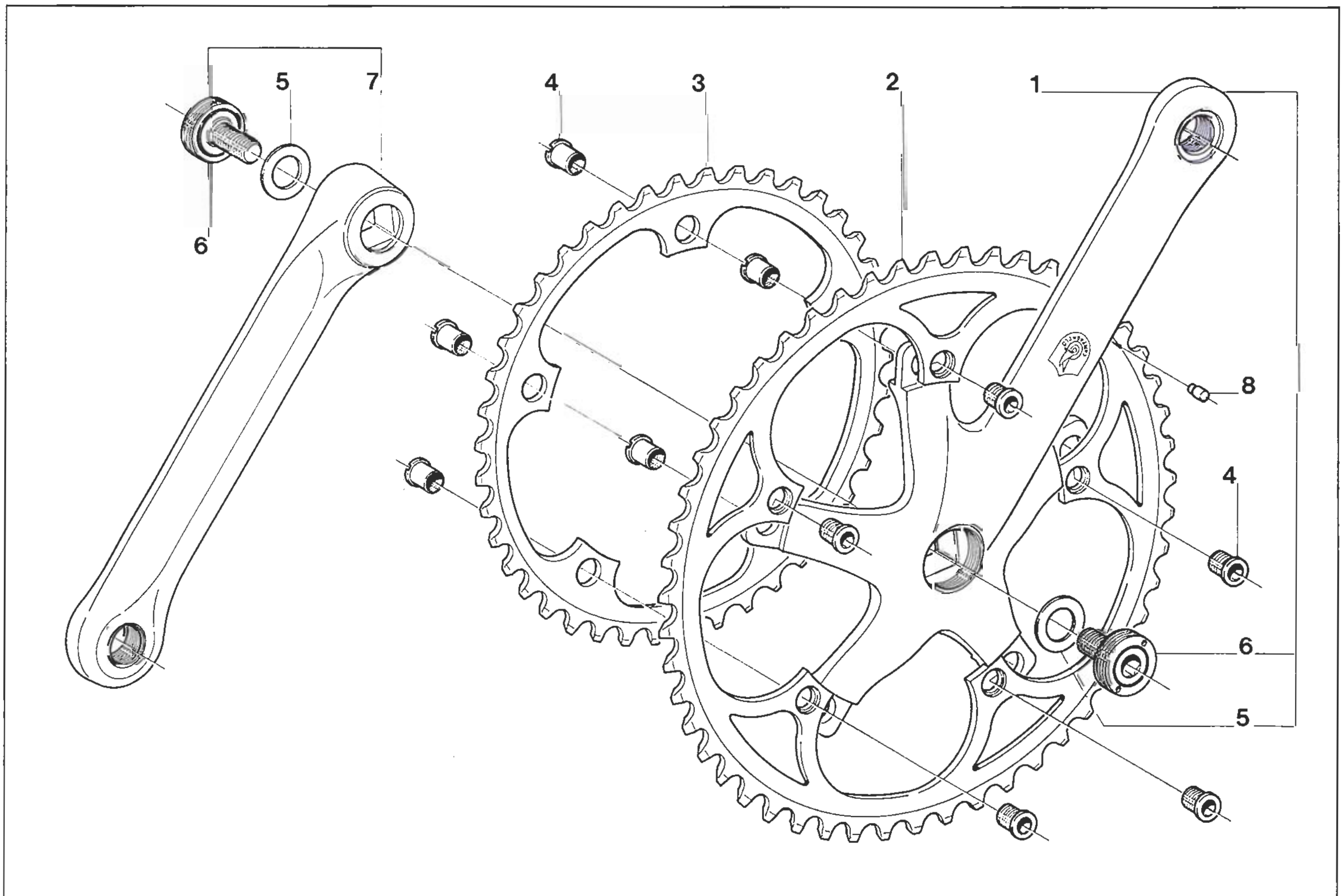


B040 CROCE D'AUNE CHAINWHEEL

1	B071	C.H. crank, pitch circle diameter 135, with incorporated extractor
2	CZ00	Outer ring, pitch circle diameter 135, with grub
3	AZ00I	Inner ring, pitch circle diameter 135
4	0100009	Rings fixing screw and nut
5	7300116	Screw washer with extractor
6	2350001	Screw with incorporated extractor
7	B072	L.H. crank with incorporated extractor
8	7287005	Chain guard grub for ring from 48 to 54 t.

CODE	CRANKS LENGTH		
	170	172,5	175
B071	●	●	●
B072	●	●	●

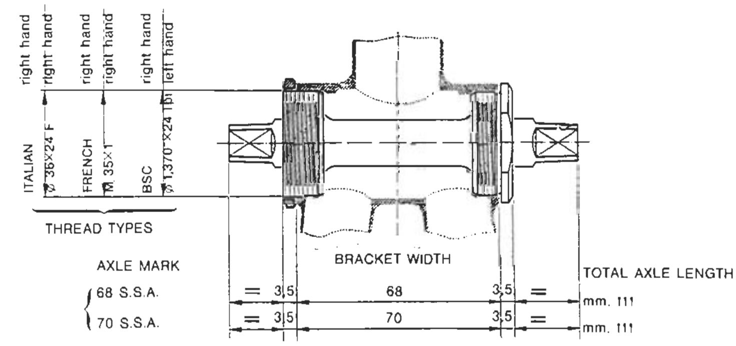
CODE	DESCR.	P.C.D.	RINGS TOOTHING															
			39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
AZ00I	INNER	135	●	●	●	●	●	●	●	●	●							
CZ00	OUTER	135										●	●	●	●	●	●	●

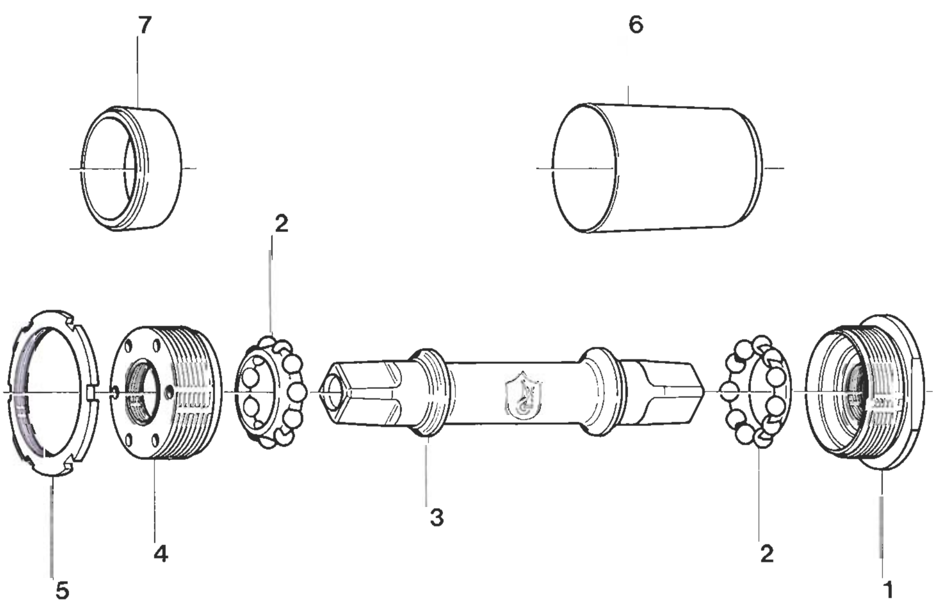


B0H0 CROCE D'AUNE BOTTOM BRACKET

1	7131027	R.H. fixed steel cup, balls ∅ 1/4", Italian thread
1	7131028	R.H. fixed steel cup, balls ∅ 1/4", French thread
1	7131029	R.H. fixed steel cup, balls ∅ 1/4", BSC thread
2	1134017	Balls set ∅ 1/4" with resin cage
3	7281223	70 SS axle
3	7281222	68 SS axle
4	7131030	L.H. adjustable steel cup, balls 1/4", Italian thread
4	7131031	L.H. adjustable steel cup, balls 1/4", French thread
4	7131032	L.H. adjustable steel cup, balls 1/4", BSC thread
5	7203001	L.H. cup lockring - Italian thread
5	7203002	L.H. cup lockring - French thread
5	7203003	L.H. cup lockring - BSC thread
6	7201012	Sleeve
7	7100009	Sleeve conical ring







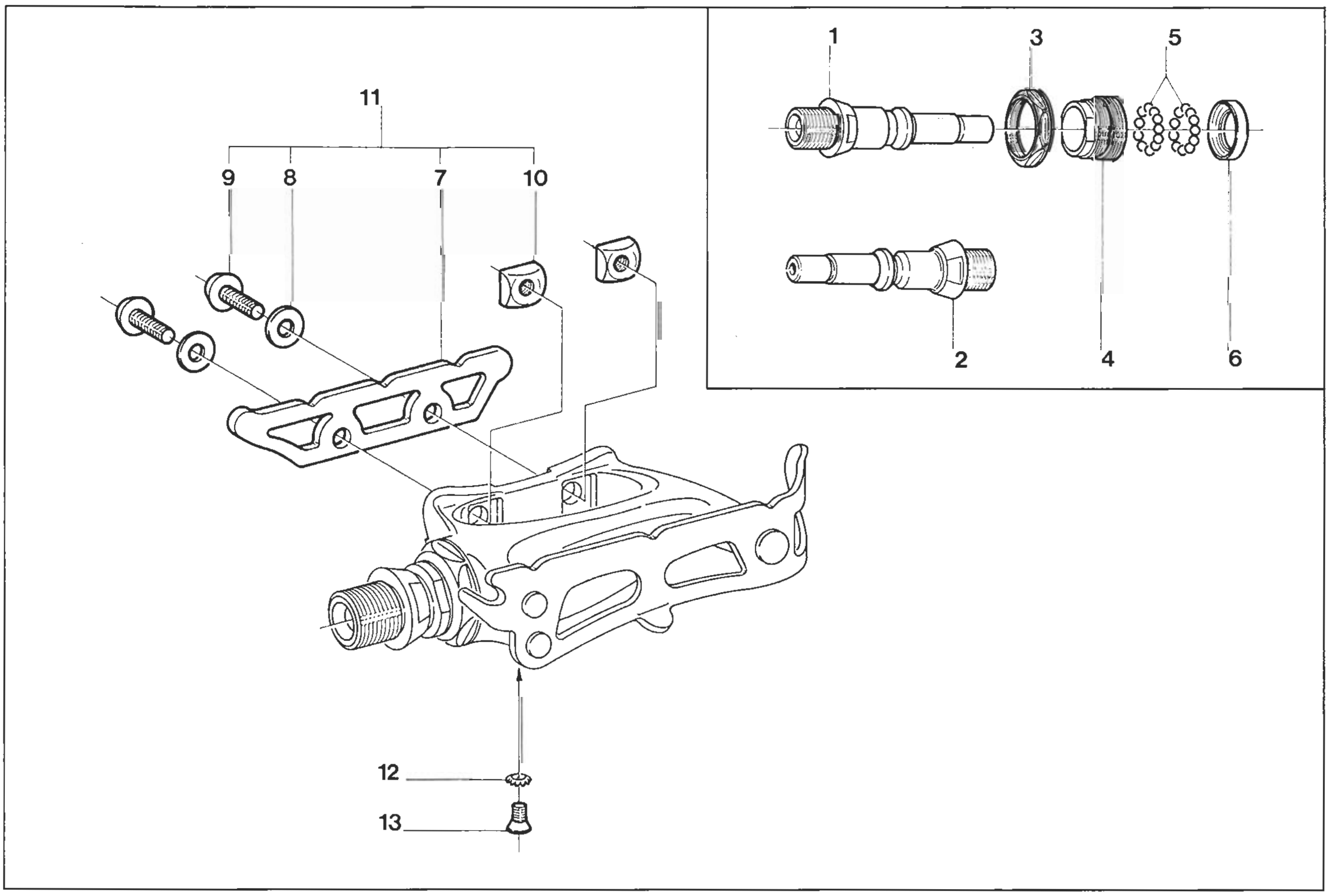


B625-LM CROCE D'AUNE «TRIPLE-BEARING SYSTEM» R.H. PEDAL

B626-LM CROCE D'AUNE «TRIPLE-BEARING SYSTEM» L.H. PEDAL

1	7281251	R.H. axle
2	7281253	L.H. axle
3	7161186	Locknut
4	7131102	Movable cup
5	1321011	Balls set ∅ 1/8" (28 + 28)
6	7131101	Fixed cup
7	7283058	Front plate
8	7300002	Washer
9	7350240	Front plate fixing screw
10	7161188	Square nut
11	1134030	Envelope with plate, screws and washers
12	7304007	Greasing hole elastic washer
13	7350247	Greasing hole closing screw

Remark: The pedals are supplied complete with toe-clip and strap



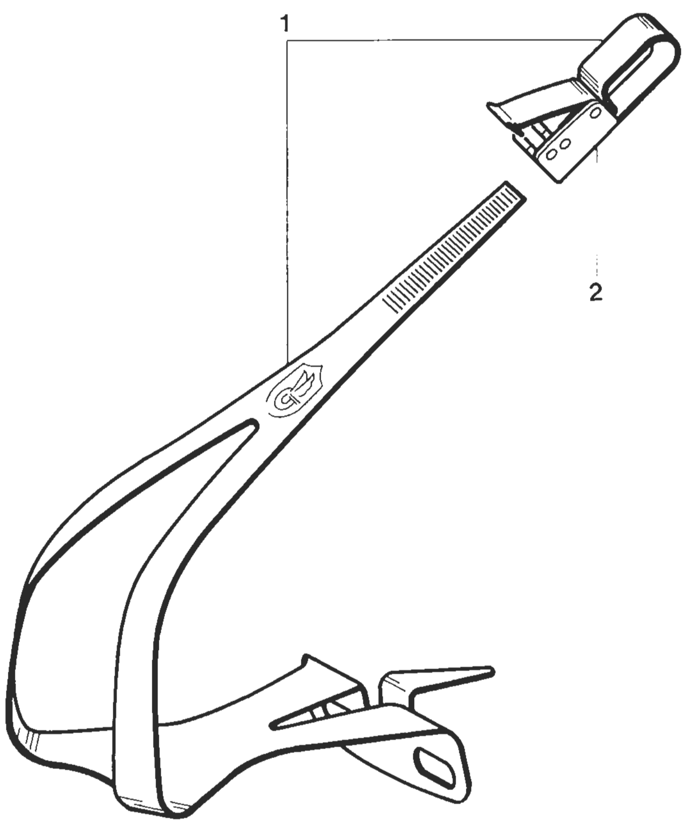
Toe-clips

	0F23-L	Aluminium toe-clip with shoe plate: small (S) - medium (M) - large (L)
	0F23-A	Steel toe-clip with shoe plate: small (S) - medium (M) - large (L)
1	0F20-A	Steel «Multi-Size System» toe-clip: small (S) - medium (M) - large (L)
2	2183007	«Multi-Size System» toe-clip adjusting buckle

Straps

1153006	Shaped single layer leather strap

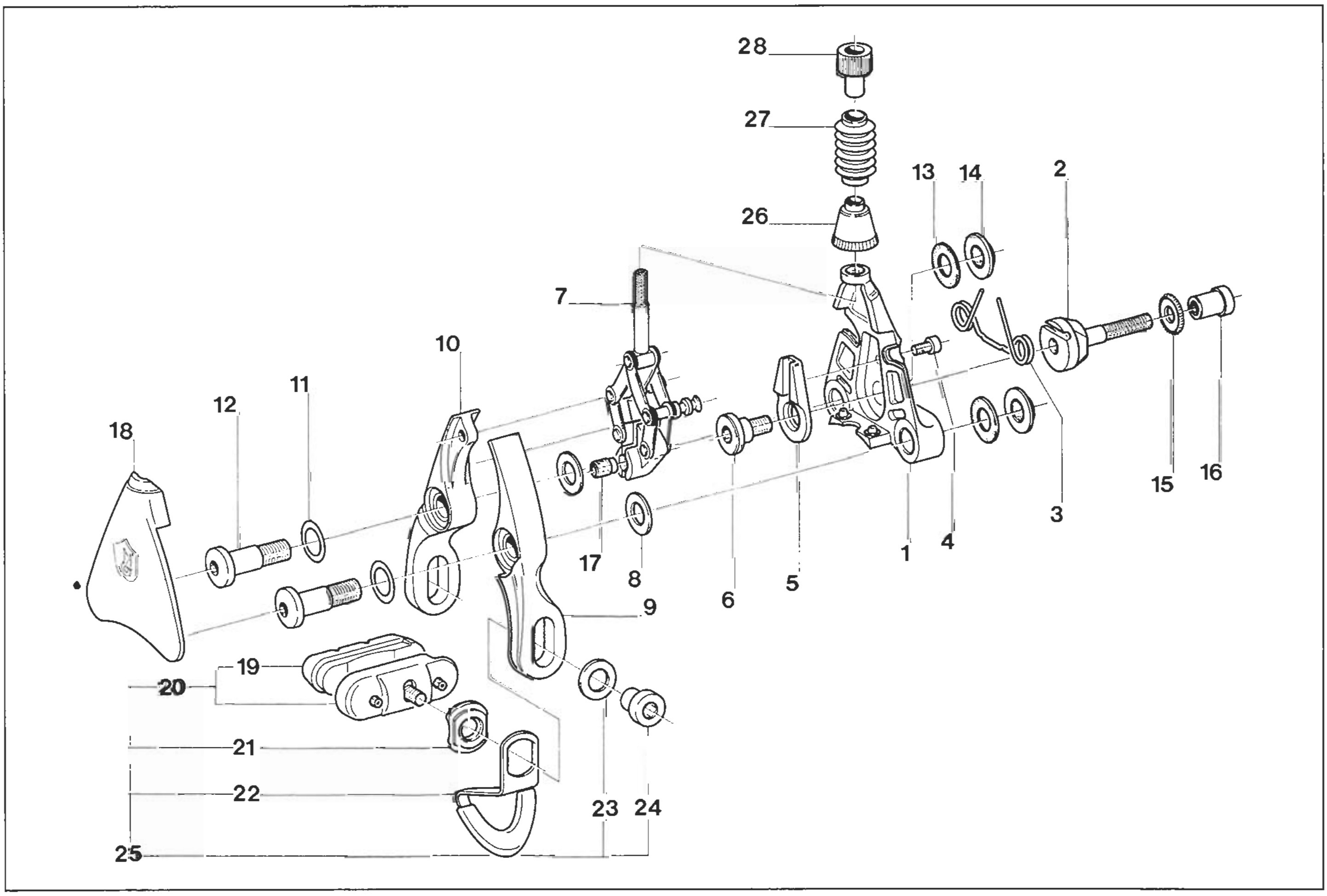






B051 CROCE D'AUNE «PENTA-DRIVE SYSTEM» FRONT BRAKE
B052 CROCE D'AUNE «PENTA-DRIVE SYSTEM» REAR BRAKE

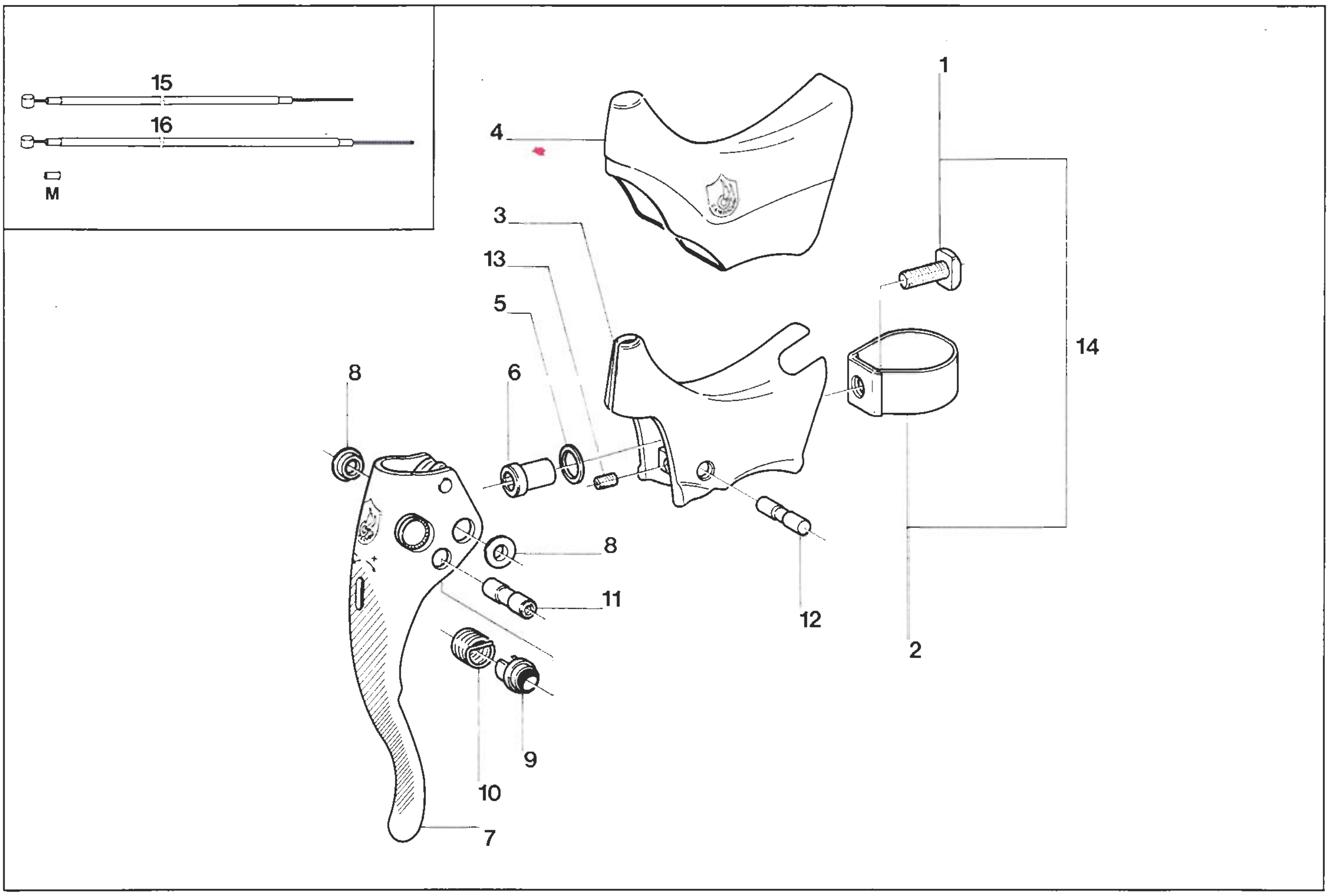
1	1143090	Body
2	7281244	Front center bolt
2	7281252	Rear center bolt
3	7260106	Brake shoe lever return spring
4	7350238	Body plate fixing screw
5	7283065	Guide plate
6	7350242	Fixing screw
7	1284021	Complete parallelogram
8	7300189	Friction washer
9	7241077	L.H. brake shoe lever
10	7241078	R.H. brake shoe lever
11	7300192	Brake shoe lever fixing screw washer
12	7350239	Brake shoe lever fixing screw
13	7300193	Knurled washer
14	7161189	Levers fixing screw locknut
15	7300199	Toothed washer ∅ 14
16	7161105	Allen recessed nut
17	2200001	Cable fixing dowel
18	7136055	Cover
19	7289008	Brake block
20	2290012	Complete brake shoe with block, without guidewheel
21	7300188	Brake shoe concave washer
22	3210002	Guidewheel with covering
23	7300141	Brake shoe fixing nut washer
24	7161184	Brake shoe fixing nut
25	1290012	Complete brake shoe
26	7203044	Locking sleeve
27	7201042	Bellow
28	7203045	Adjusting sleeve

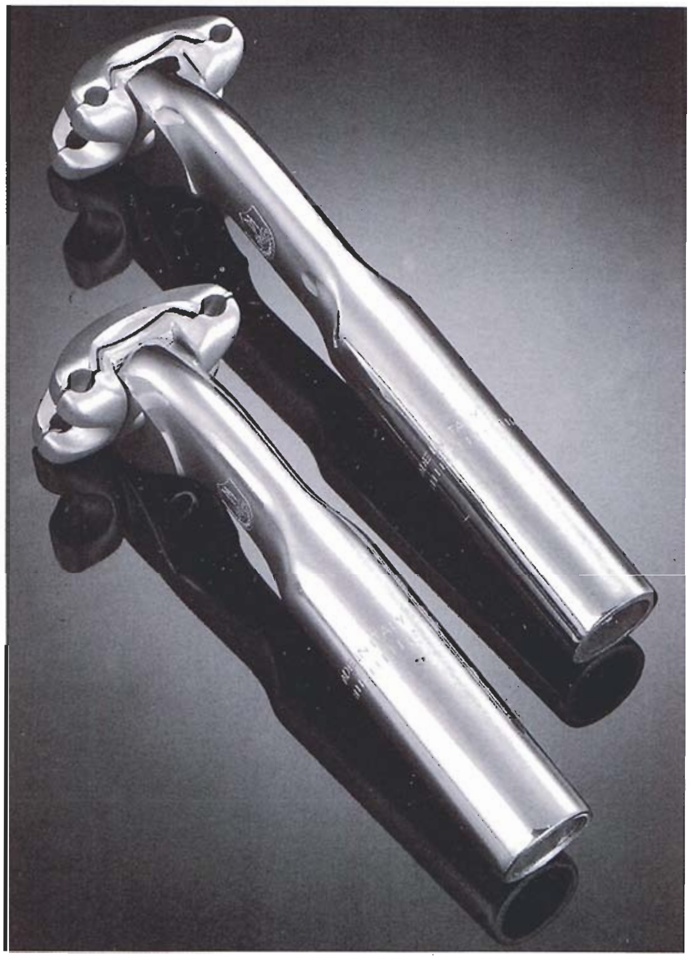


A054 «POWER-GRADE SYSTEM» BRAKE LEVER

1	7350221	Fixing screw
2	7182031	Fixing clip
3	7143761	Body
4	7201041	Hood
5	7300177	Washer
6	7161105	Allen recessed nut
7	1241030	Lever
7	1241035	Compact quick release lever
8	7116083	Bush
9	7116082	Quick release lever bush
10	7260092	Quick release lever spring
11	7281220	Quick release lever axle
12	7281221	Pivot pin
13	7200016	Stop dowel
14	1182025	Fixing screw and clip set
15	0120059	Front brake cable and casing
16	0120060	Rear brake cable and casing
M	7140004	Casing end

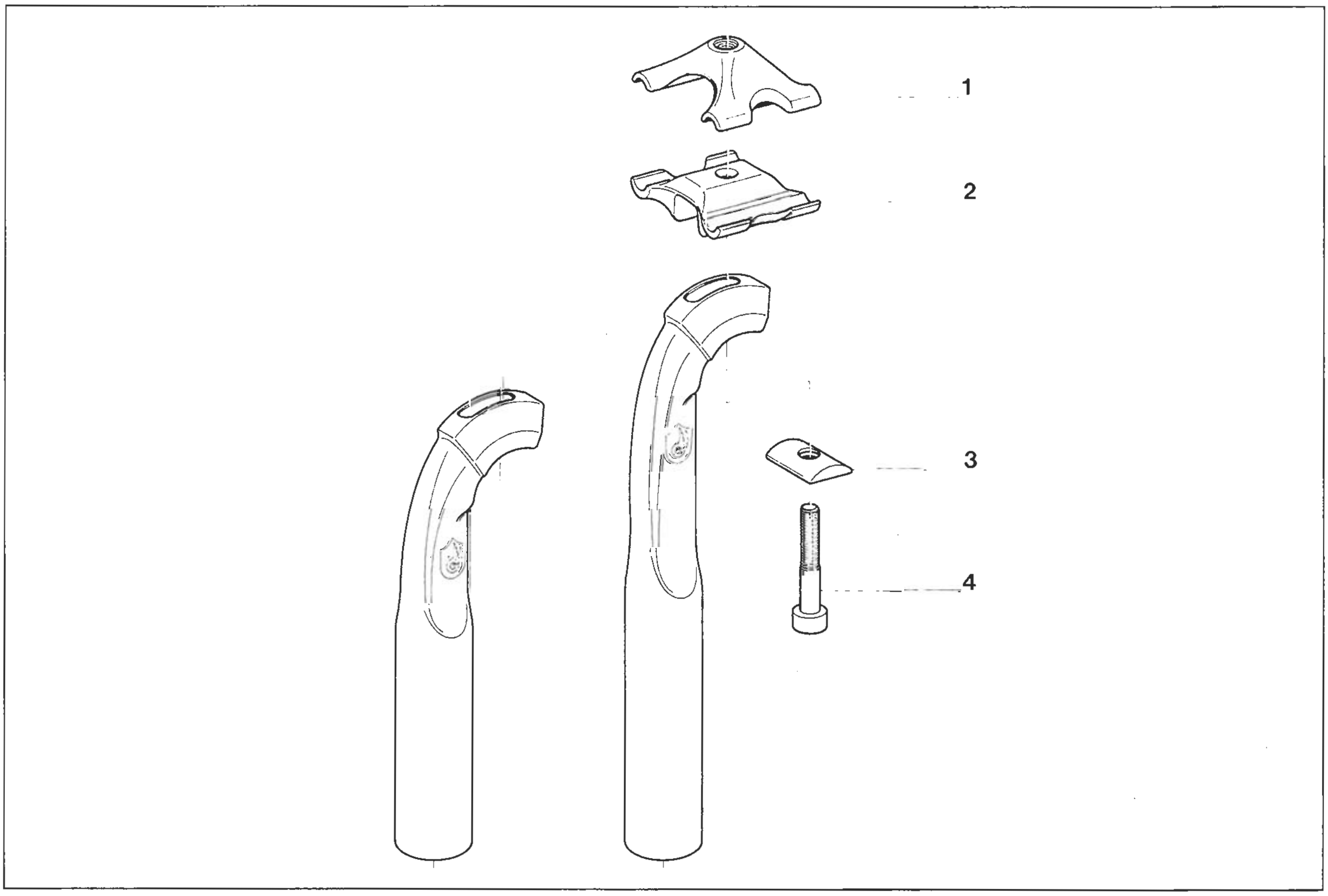






C0R1 CHORUS SEAT PIN 180 mm.
C0R1-S CHORUS SEAT PIN 130 mm.

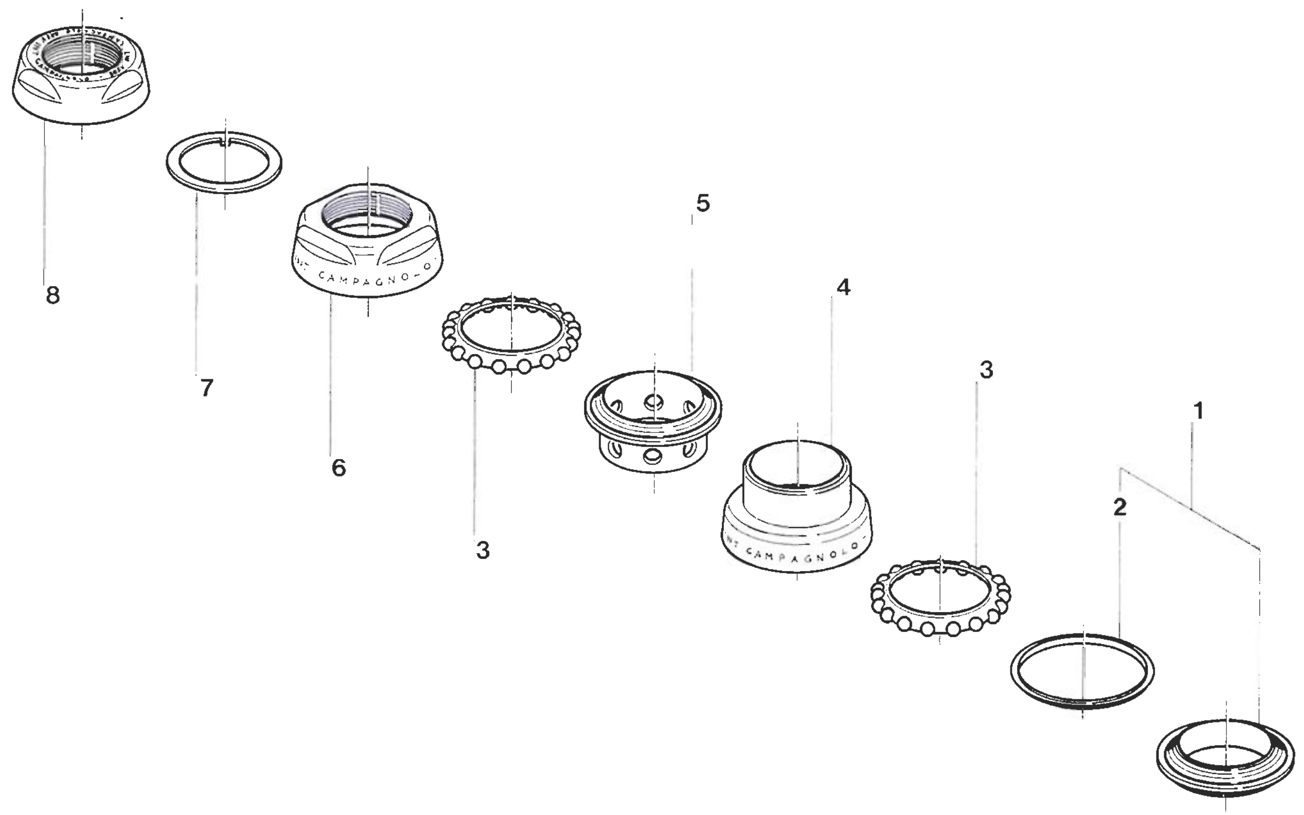
1	7320024	Bracket
2	7316013	Sliding support
3	7300197	Concave washer
4	7350152	Fixing screw



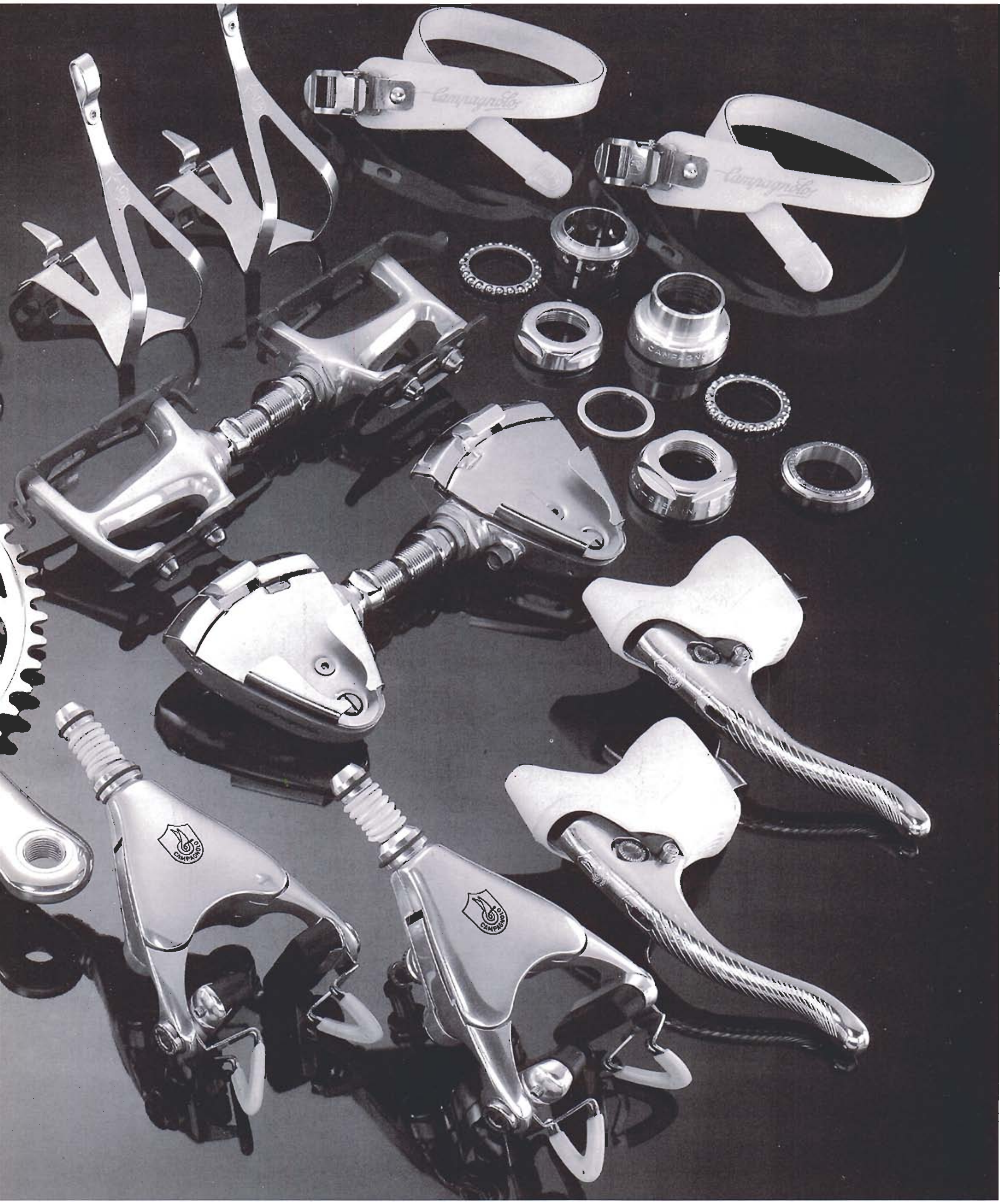
C0D0 CHORUS HEAD SET

1	1133001	Lower cone with jointing
2	7211007	Jointing
3	1134018	Balls set ∅ 3/16" with resin cage
4	1131049	Lower cup
5	7133081	Upper cone
6	1131046	Upper cup, Italian thread
6	1131047	Upper cup, French thread
6	1131048	Upper cup, BSC thread
7	7300119	Toothed washer, Italian/BSC thread
7	7300120	Toothed washer, French thread
8	7161133	Locknut, Italian thread
8	7161134	Locknut, French thread
8	7161135	Locknut, BSC thread






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Basic group

CODE	COMPONENTS	VARIANTS
A010	Record gear	
A021	Record braze-on front changer	A022 Record clip-on front changer (pipes Ø 28.5 mm.)
A271	Record Doppler braze-on levers	
A300	Record small flange quick release hubs, 36 holes, rear width 126,5 / RH 36, Italian thread mm. 35×24 F	Drillings: 24 - 28 - 32 Rear width: 130 / RH 36 - 130 / RH 37 Thread: BSC 1,370"×24 F - FR M 34,7×1
A040	Record chainwheel, pitch circle diameter 135, 170 mm. crank with incorporated extractor - 42/52 t., 1/2"×3/32"	Cranks length: 165 - 167,5 - 172,5 - 175 - 177,5 - 180 mm. Inner rings toothing: 39 - 40 - 41 - 43 - 44 - 45 - 46 - 47 Outer rings toothing: 48 - 49 - 50 - 51 - 53 - 54 - 55 - 56 - 57
A0H0	Record bottom bracket Italian thread mm. 36 ×24 F Width 70 mm.	Thread: BSC 1,370"×24 TPI - FR M 35×1 Width: 68 mm.
A620-LM	Record «Triple-Bearing System» pedals complete with medium (M) aluminium toe-clip and shaped double layer leather strap	Toe-clip length: small (S) - large (L) Steel toe-clip: small (S) - medium (M) - large (L) Steel «Multi-Size System» toe-clip: small (S) - medium (M) - large (L)
A500D	Record Delta brake complete with two «Power-Grade System» brake levers, cables and casings	«Power-Grade System» Record Compact brake lever (code A055)
A0R2	Record styled seat pin 180 mm. Ø 27,2, complete with fixing screw and nut Ø 8	Length: 180 mm. (code A0R2) Ø: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 Length: 130 mm. (code A0R2-S) Ø: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 - 27,2
A0D0	Record aluminium head set, Italian thread mm. 25,4×24 F	Thread: BSC 1"×24 TPI - FR M 25×1
1120005	Biodynamic bottle with cage	

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Campagnolo decline all responsibilities for any improper use or tampering of the products.

Substitutive components

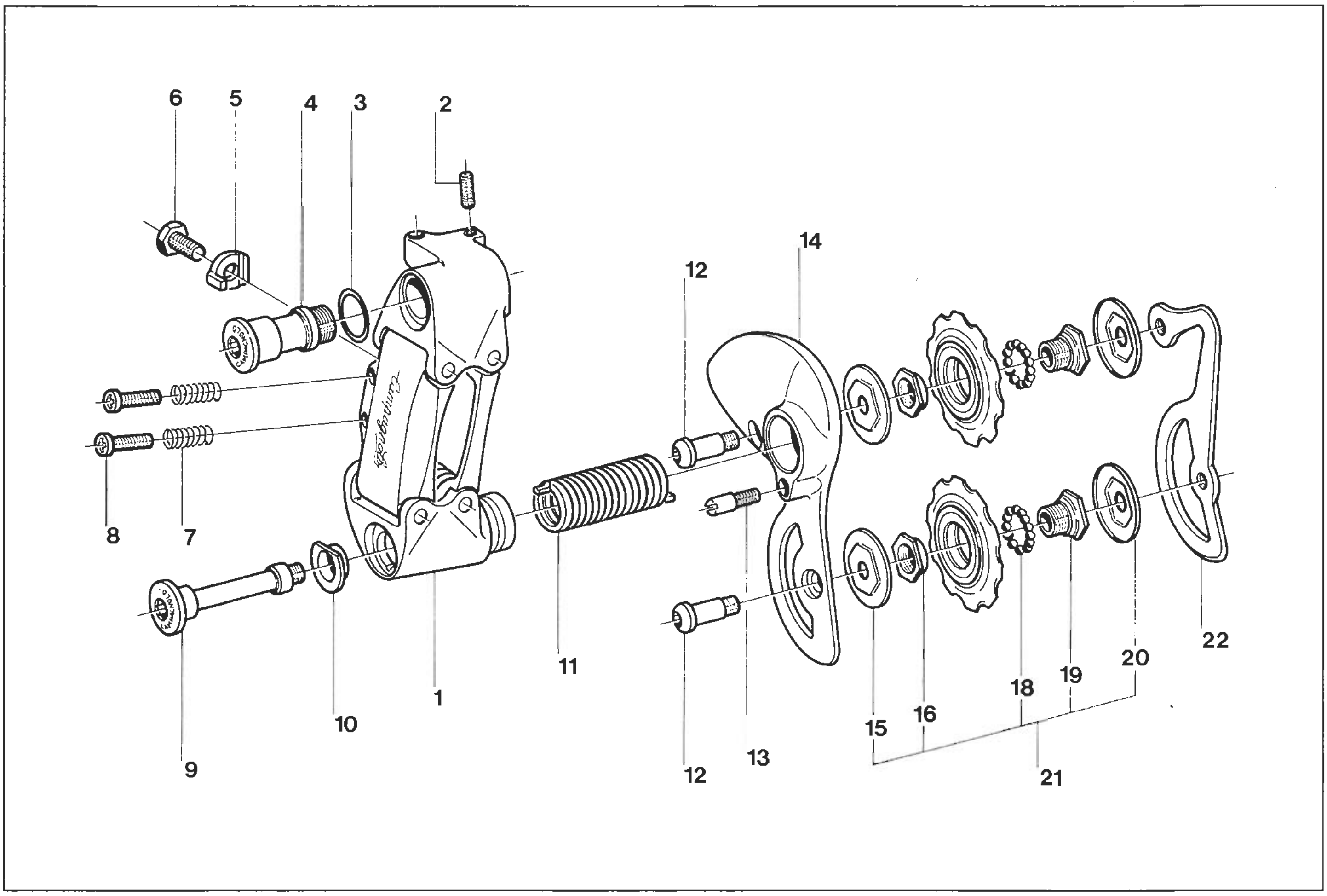
CODE	COMPONENTS	VARIANTS
C023	Chorus adjustable clip-on front changer (pipes from ∅ 28 to 33 mm.)	
A272 A273 A221 A222 A223 A281 A282 A283	Record Doppler clip-on double lever Record Doppler braze-on top of tube double lever Record Syncro braze-on levers Record Syncro clip-on double lever Record Syncro braze-on top of tube double lever Record Friction braze-on levers Record Friction clip-on double lever Record Friction braze-on on top of tube double lever	 for 6 or 7 speed freewheel for 6 or 7 speed freewheel for 6 or 7 speed freewheel
A300-FG	Record large flange quick release hubs, 36 holes, rear width 126,5 / RH 36, Italian thread mm. 35×24 F.	Drillings: 24 - 28 - 32 Rear width: 130 / RH 36 - 130 / RH 37 Thread: BSC 1,370"×24 F - FR M 34,7×1
A600-AM A630-LM A610	Record pedals complete with medium (M) steel toe-clip and shaped double layer leather strap Record Ergonomic pedals complete with medium (M) aluminium toe-clip and shaped double layer leather strap Record SGR «Triple-Bearing System» pedals complete with shoe plate with fixing screws and washers	Toe-clip length: small (S) - large (L) Toe-clip length: small (S) - large (L) Steel toe-clip: small (S) - medium (M) - large (L) Steel «Multi-Size System», toe-clip, length: small (S) - medium (M) - large (L)
A0R8	Record cylindrical seat pin 180 mm. ∅ 27,2 complete with fixing screw and nut ∅ 8	Length: 180 mm. (code A0R8) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 Length: 130 mm. (code A0R8-S) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 - 27,2

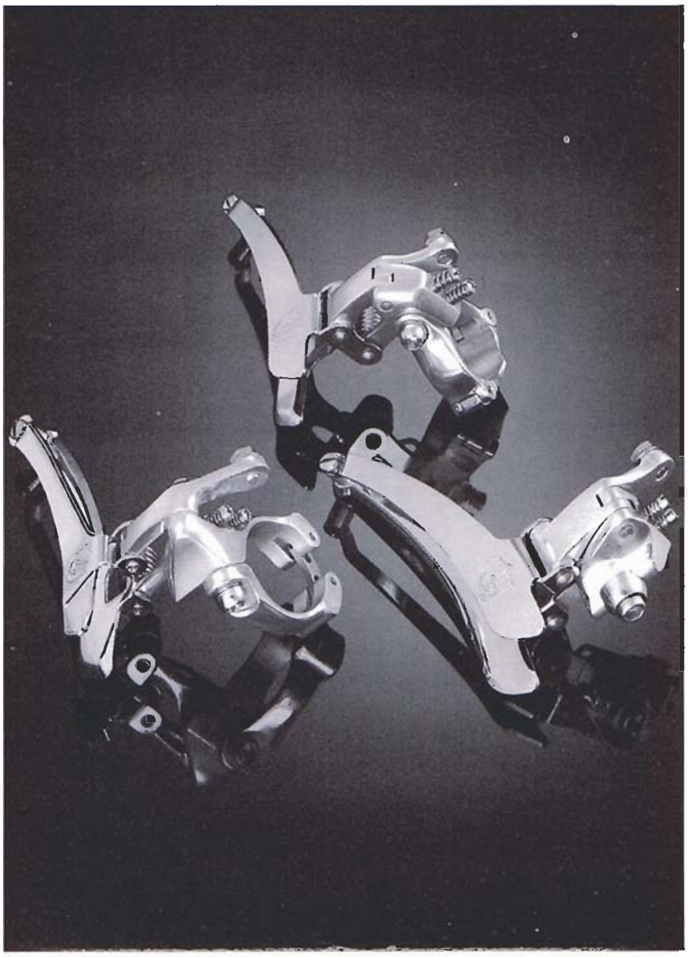
the basic version will be supplied.

A010 RECORD GEAR

1	1284016	Complete parallelogram
2	7200017	Adjusting dowel
3	7304009	Convex elastic washer
4	7350142	Fixing pivot
5	7270003	Fixing cable washer
6	7350002	Fixing cable screw
7	7260094	Adjusting screw washer
8	7350203	Front changer adjusting screw
9	7350143	Pivot bolt screw
10	7116059	Pivot bolt body bush
11	7260076	Cage plate rotating spring
12	7350144	Roller fixing screw
13	7287011	Cage plates stop grub
14	1119016	Complete outer cage plate
15	7146018	Roller dust cover with indentation
16	7133042	Roller female cone
18	1321010	Balls set ∅ 1/8" (6 + 6)
19	7133041	Roller male cone
20	7146016	Roller dust cover
21	1302006	Complete roller
22	7119032	Inner cage plate





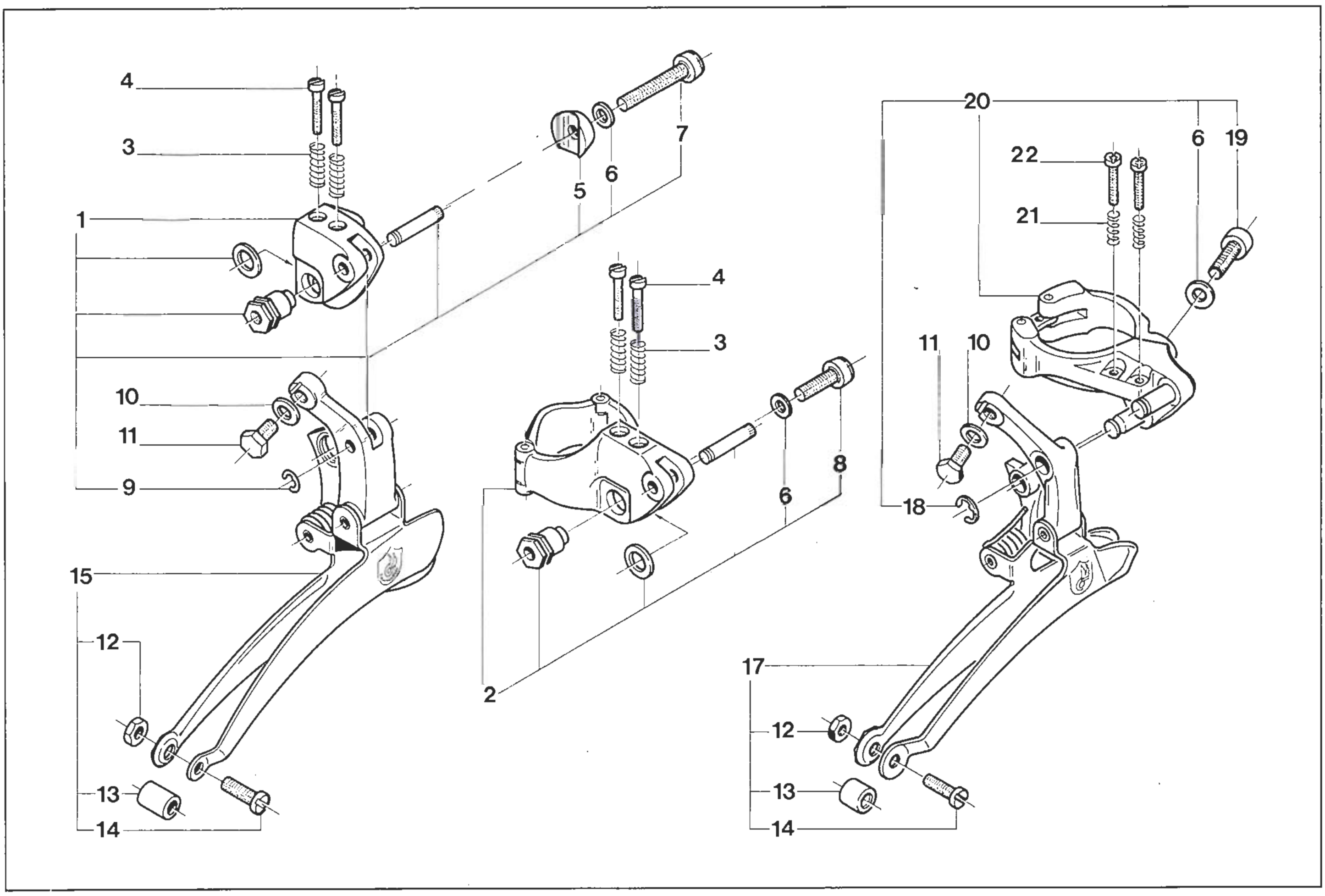


A021 RECORD BRAZE-ON FRONT CHANGER
A022 RECORD CLIP-ON FRONT CHANGER

1	1143068	Braze-on complete body
2	1143067	Clip-on complete body
3	7260073	Adjusting screw spring
4	7350140	Adjusting screw
5	7300161	Braze-on front changer concave washer
6	7300117	Clip fixing screw washer
7	7350213	Braze-on front changer fixing screw
8	7350275	Clip-on front changer fixing screw
9	7100035	Circlip
10	7300114	Fixing cable screw washer
11	7350002	Fixing cable screw
12	7161096	Fork connecting nut in stainless steel
13	7116011	Fork bush
14	7350106	Fork connecting chrome-plated screw
15	1180011	Complete fork

C023 CHORUS ADJUSTABLE CLIP FRONT CHANGER

6	7300117	Clip fixing screw washer
10	7300114	Fixing cable screw washer
11	7350002	Fixing cable screw
12	7161096	Fork connecting nut in stainless steel
13	7116011	Fork bush
14	7350106	Fork connecting chrome-plated screw
17	1180010	Complete fork
18	7100008	Circlip
19	7350145	Clip-on front changer fixing screw
20	1143074	Adjustable clip-on complete body
21	7260105	Adjusting screw spring
22	7350226	Adjusting screw



A271 RECORD DOPPLER BRAZE-ON LEVERS
A272 RECORD DOPPLER CLIP-ON LEVERS
A273 RECORD DOPPLER ON TOP OF TUBE LEVERS

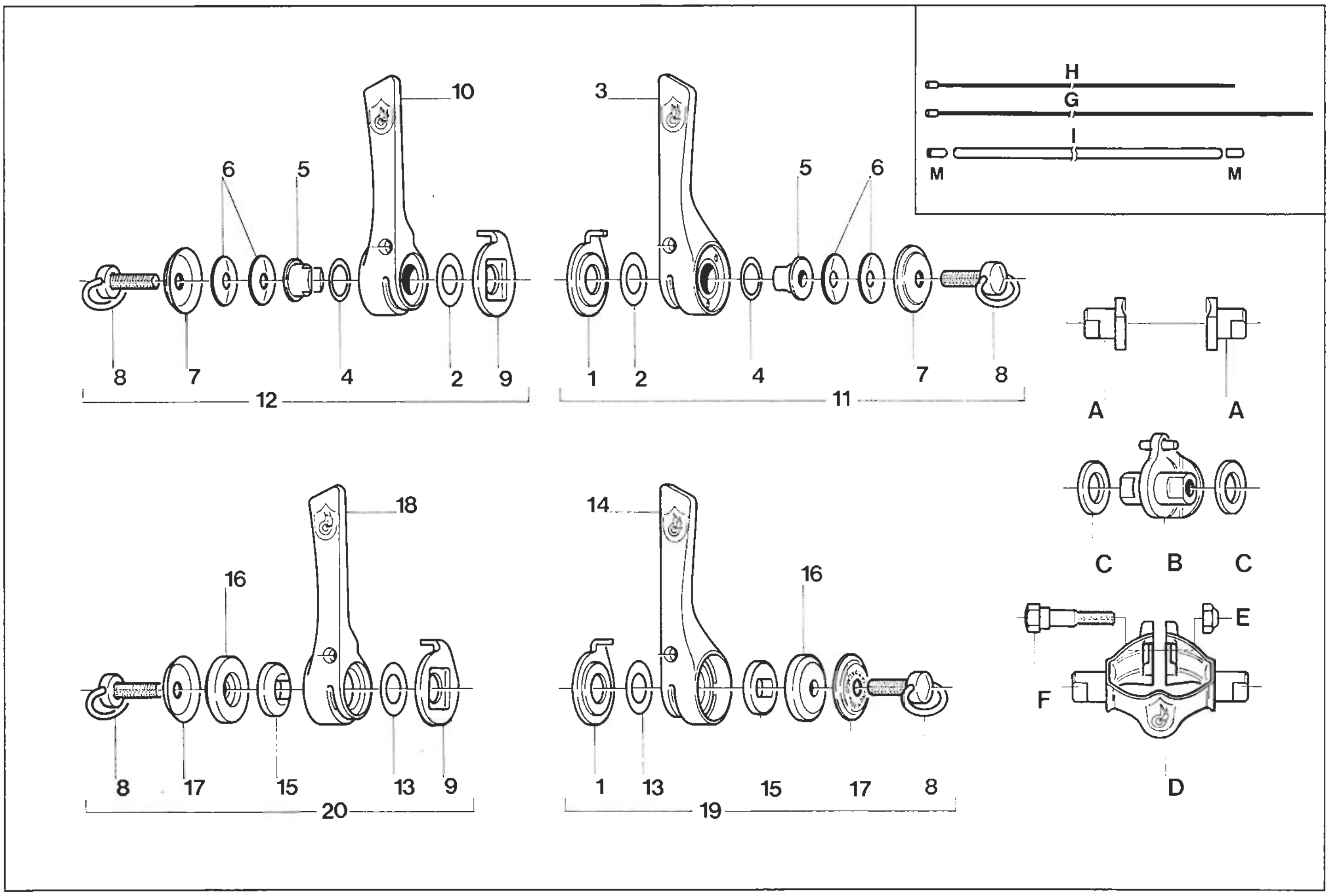
1	7320031	R.H. bracket
2	7306004	Inner friction washer
3	1264014	R.H. lever
4	7306005	Outer friction washer
5	7325002	Square boss milled shim
6	7260086	Cup spring
7	7136040	Cover
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
10	1264015	L.H. lever
11	0118071	Gear Record Doppler complete lever
12	0118072	Front changer Record Doppler complete lever

A281 RECORD FRICTION BRAZE-ON LEVERS
A282 RECORD FRICTION CLIP-ON LEVERS
A283 RECORD FRICTION ON TOP OF TUBE LEVERS

1	7320031	R.H. bracket
8	1202005	Adjusting wing nut
9	7320032	L.H. bracket
13	7300178	Bracket washer
14	7264041	R.H. lever
15	7306003	Friction washer
16	7160076	Spacer
17	7136040	Cover
18	7264042	L.H. lever
19	0118091	Gear Record Friction complete lever
20	0118092	Front changer Record Friction complete lever

A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7300149	On top of tube double lever washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and casing end (not assembled)
M	7140003	Casing end





A221 RECORD SYNCRO BRAZE-ON LEVERS
A222 RECORD SYNCRO CLIP-ON LEVERS
A223 RECORD SYNCRO ON TOP OF TUBE LEVERS



1	7320038	R.H. bracket
2	7300178	Bracket washer
3	7264043	R.H. lever
4	7300196	Spacing washer
5	7260108	R.H. lever spring
6	see table	Micrometric insert
7	7116085	Release bush
8	1136013	R.H. lever adjusting wing nut
9	7320026	L.H. bracket
10	7300104	Washer
11	7264044	L.H. lever
12	7306003	Friction washer
13	7300115	Washer
14	7136021	Cover
15	7260067	Disc spring
16	1202001	Adjusting wing nut
17	0118130	Gear Record syncro complete lever, without insert 6
18	0118113	Front changer Record Syncro complete lever
A	7102002	Braze-on lever square boss
B	7316014	On top of tube braze-on boss
C	7306010	Washer
D	1182023	Double lever clip
E	7161095	Fixing clip nut
F	7350009	Fixing clip screw
G	7145028	Gear cable
H	7145029	Front changer cable
I	0120062	Casing and casing end (not-assembled)
L	1350011	Adjusting casing screw, nut and spring set
M	7140003	Casing end

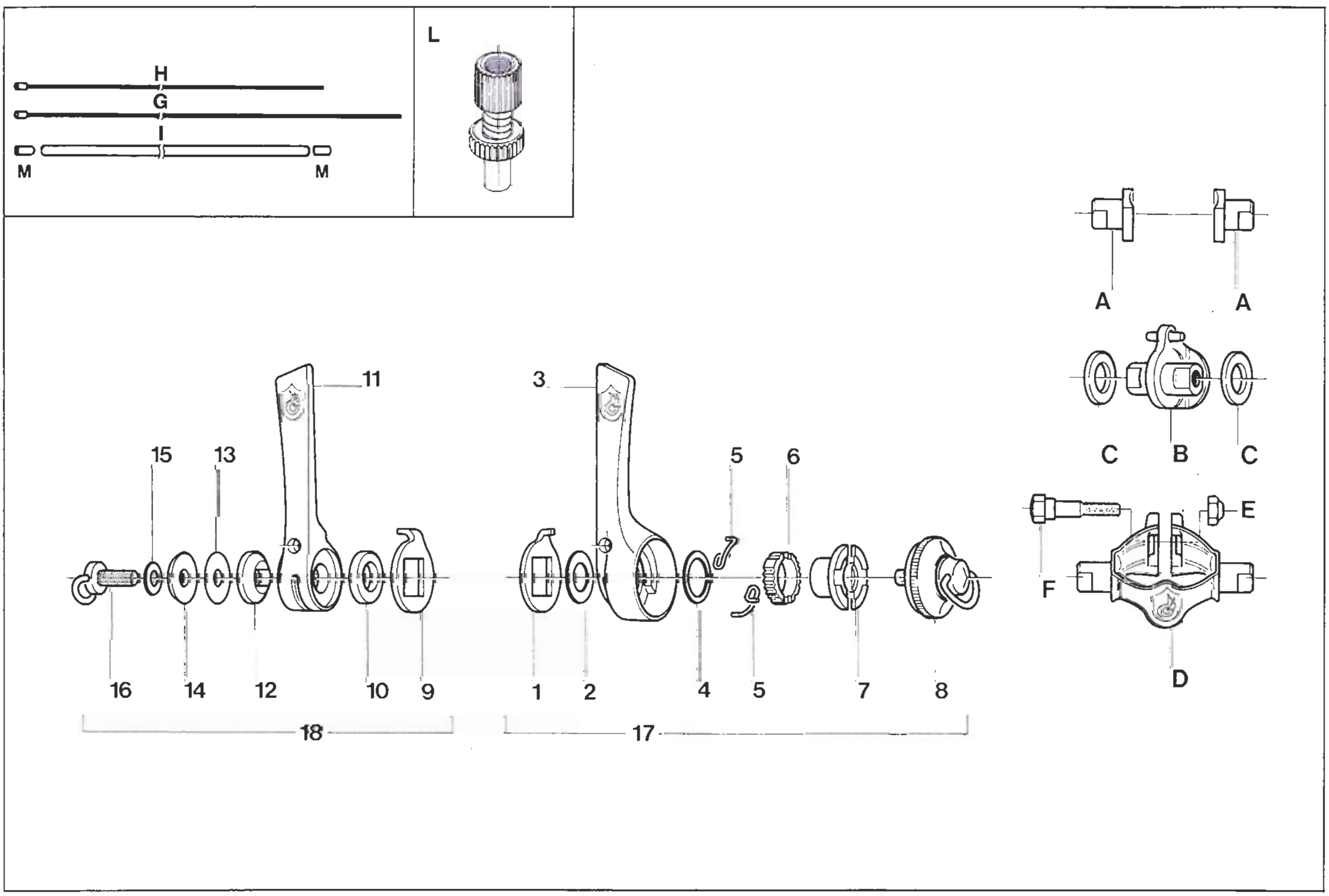


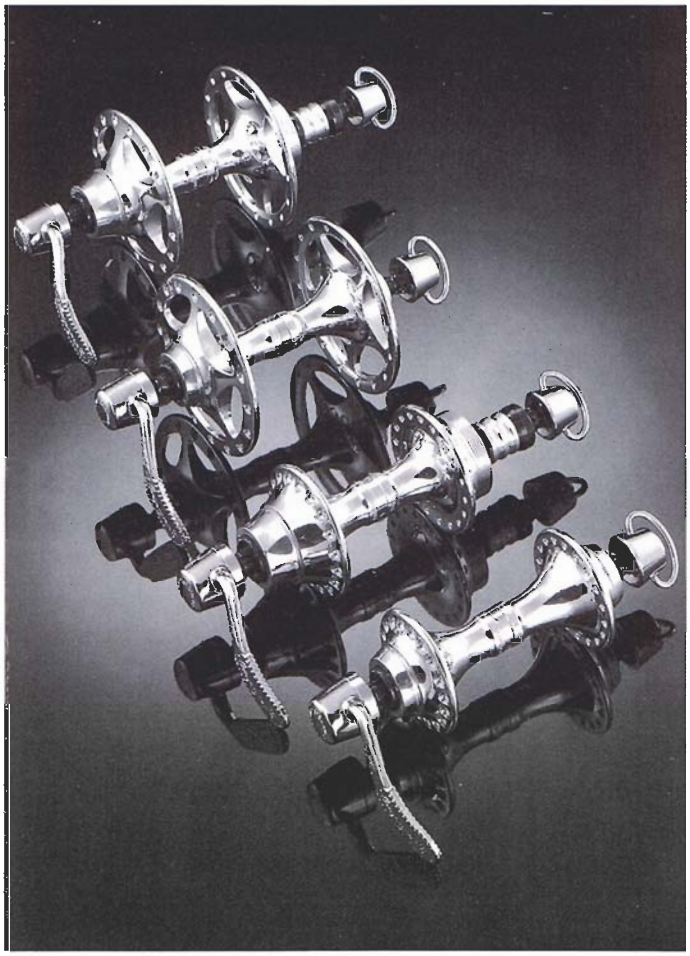


TABLE FOR THE BEST CONNECTION OF «RECORD SYNCRO» LEVERS WITH FREEWHEELS, CHAINS AND GEARS

GEARS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
6 SPEED FREE WHEELS	6 V	6 V	6 V	A 6	B 6	6 V	6 V	6 V
CAMPAGNOLO	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ■	● * ▲ ■ ○
MAILLARD 700 COURSE	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA AMERICA	● * ▲	● * ▲ ■	● * ▲ ■	● * ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○
REGINA ORO	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	
SUNTOUR WINNER	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● ▲ ■	* ▲
SHIMANO 105	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
SHIMANO DURA ACE	● * ▲	● * ▲	● * ▲	● * ▲ ■	● * ▲ ■	● * ▲	● * ▲	● * ▲ ■
CAIMI	● * ▲ ■	● * ▲ ■	● * ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■ ○

GEARS	RECORD	SUPER RECORD	VICTORY TRIOMPHE	CHORUS	CHORUS	CROCE D'AUNE SM	CROCE D'AUNE LG	ATHENA
7 SPEED FREE WHEELS	7 V	7 V	7 V	A 7	B 7	7 V	7 V	7 V
CAMPAGNOLO SERVIZIO CORSA COMPACT	● ■	● ■	● ■	● * ■	● * ■	● * ■	● * ■	● * ■
MAILLARD 700 COMPACT	● ■	● ■	● ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ■
REGINA CX S COMPACT	● ■	● ■	● ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■	● * ▲ ■
SUNTOUR W.P. UC 7000	● ▲	● ■	● ■	● * ■	● * ■	● * ▲	* ▲	
SHIMANO DURA ACE	● *	● *	● *	● *	● *	● * ▲	● * ▲	● * ▲ ■
CAIMI COMPACT	● ▲ ■	● ▲	● ▲ ■	● * ■	● * ■	* ▲ ■	▲ ■	● * ▲ ■ ○

Symbols meaning:
● Regina CX S chain - ■ Sedis Sport chain - ▲ Suntour UC 6000 chain - * Shimano Uniglide 600 chain - ○ Union de luxe
Remark: For Super Record, Victory, Triomphe (extensible to Nuovo Record and LZ) code 7222064.

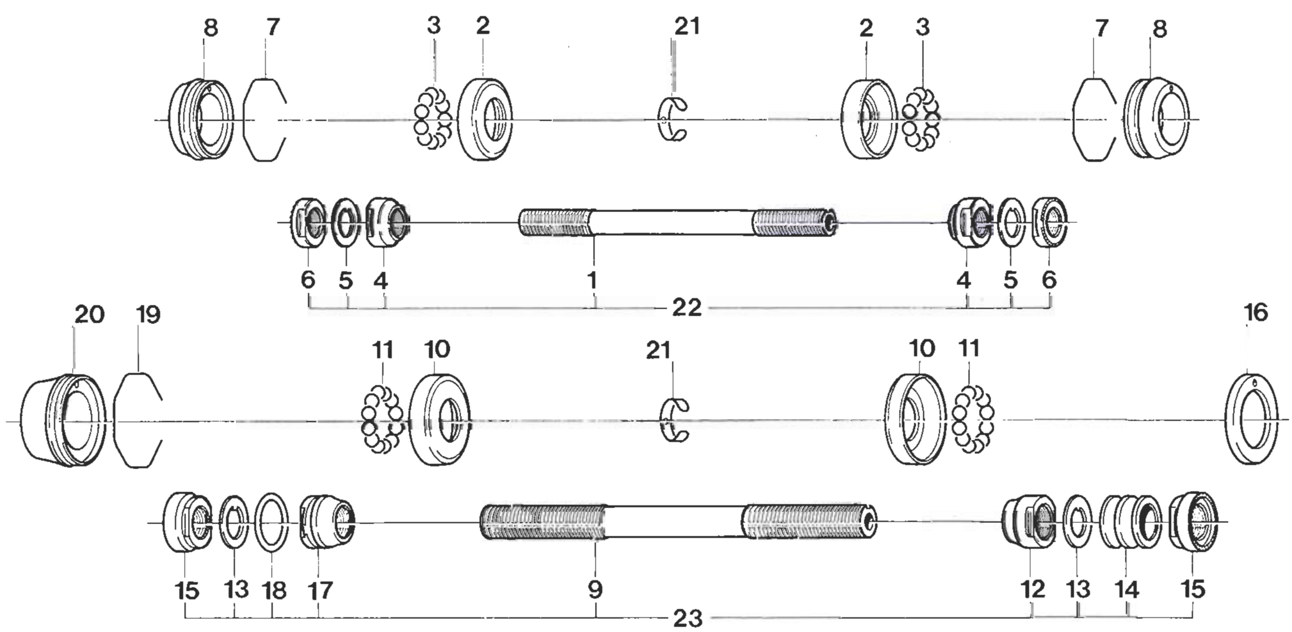


A031 RECORD SMALL FLANGE FRONT HUB
A031-FG RECORD LARGE FLANGE FRONT HUB

1	7281023	Hollow axle
2	7131071	Cup
3	1321006	Balls set ∅ 7/32" (9 + 9)
4	7133076	Cone
5	see spec.	Toothed washer
6	7161170	Locknut
7	7100033	Dust cover circlip
8	7146011	Dust cover
21	7182028	Oiler hole central clip
22	1281045	Complete axle

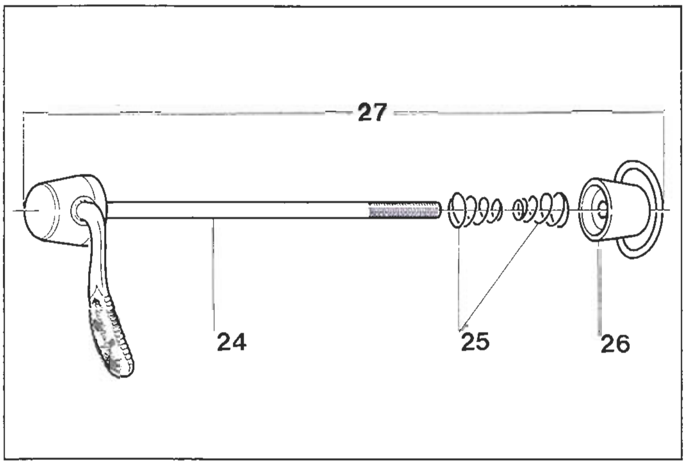
A032 RECORD SMALL FLANGE REAR HUB
A032-FG RECORD LARGE FLANGE REAR HUB

9	7281027	7 speed hollow axle
9	7281211	6 speed hollow axle
10	7131072	Cup
11	1321005	Balls set ∅ 1/4" (9 + 9)
12	7133053	R.H. cone
13	see spec.	Toothed washer
14	see spec.	Spacer
15	7161173	Locknut by 8 mm.
15	7161172	Locknut by 6,5 mm.
16	7146015	R.H. dust cover
17	7133080	L.H. cone
18	7100046	Jointing ring
19	7100034	Dust cover circlip
20	7146025	L.H. dust cover
21	7182028	Oiler hole central clip
23	1281047	6 speed complete axle
23	1281048	7 speed complete axle, shim adjustment to clearance 37
23	1281049	7 speed complete axle, shim adjustment to clearance 36



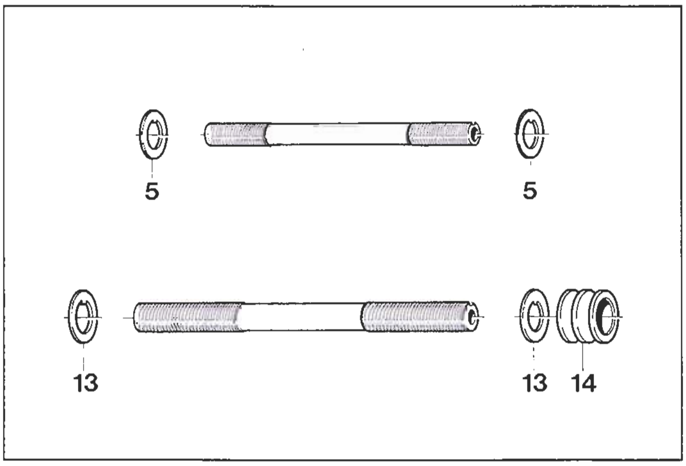
Quick release

24 2319018 Front hub locking skewer
24 2319020 Rear hub 6 speed locking skewer
24 2319021 Rear hub 7 speed locking skewer
25 7260002 Conical spring
26 2202003 Adjusting wing nut
27 1319022 Front complete quick release
27 1319024 Rear 6 speed complete quick release
27 1319025 Rear 7 speed complete quick release

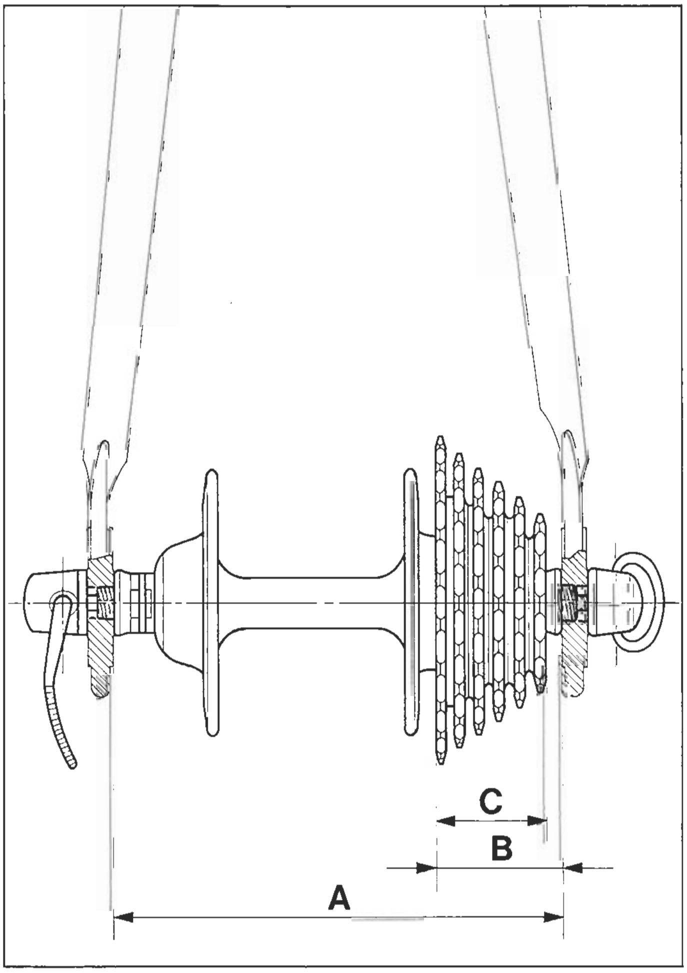


Washers and spacers specifications

5 7300026 Front hub toothed washer by 1 mm.
5 7300027 Front hub toothed washer by 1,5 mm.
5 7300028 Front hub toothed washer by 2 mm.
13 7300040 Rear hub toothed washer by 1 mm.
13 7300041 Rear hub toothed washer by 1,5 mm.
13 7300042 Rear hub toothed washer by 2 mm.
14 7160074 Rear hub spacer by 2,5 mm.
14 7160003 Rear hub spacer by 3,5 mm.
14 7160014 Rear hub spacer by 12,5 mm.
14 7160075 Rear hub spacer by 13,5 mm.



A	B	C
Frame width	R.H. width	Freewheel width
126,5	36	6 sp. up to 32 mm.
	36	7 sp. up to 32 mm.
130	36	6 sp. up to 32 mm.
	36	7 sp. up to 32 mm.
130	37	6 sp. up to 33 mm.
	37	7 sp. up to 33 mm.



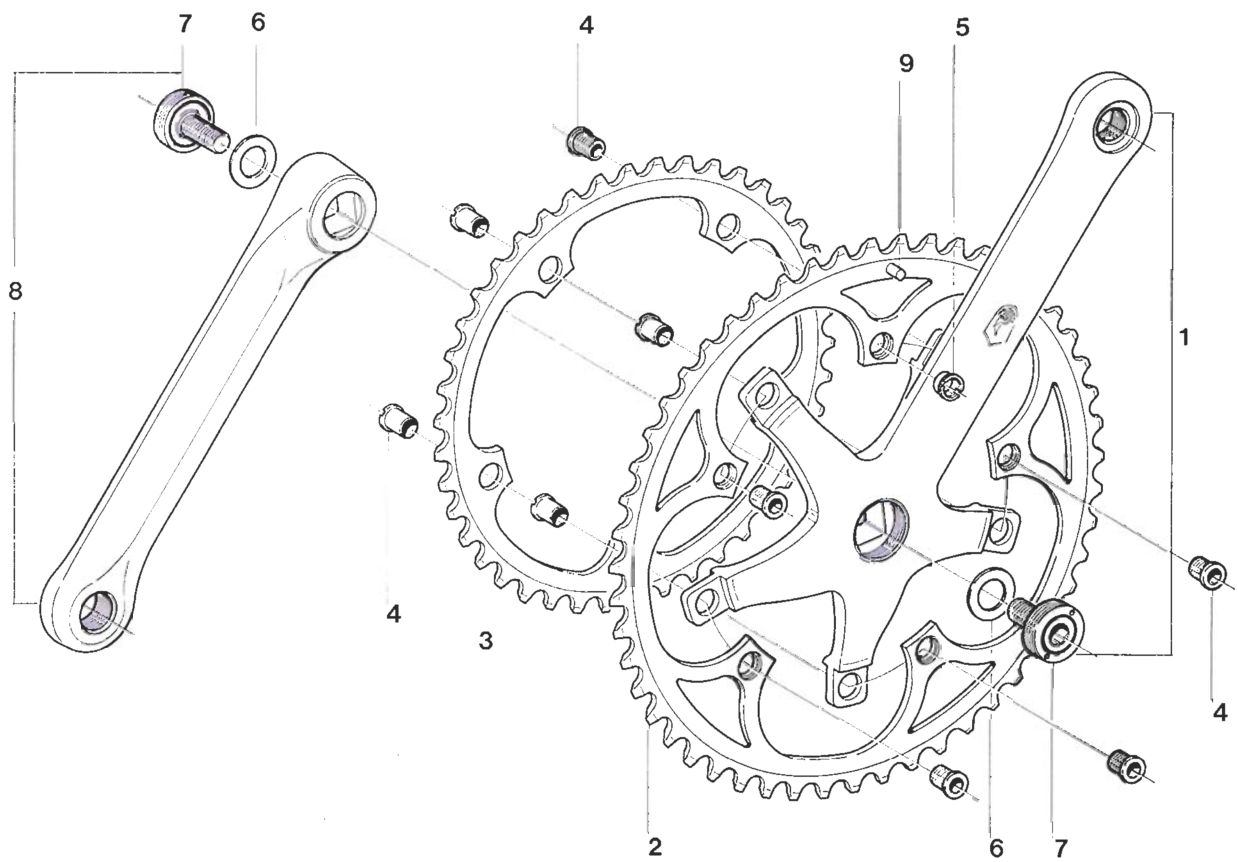


A040 RECORD CHAINWHEEL

1	A071	R.H. crank, pitch circle diameter 135, with incorporated extractor
2	AZ00	Outer ring, pitch circle diameter 135, with grub
3	AZ00I	Inner ring, pitch circle diameter 135
4	0100009	Rings fixing screw and nut
5	7161023	Rings fixing nut
6	7300116	Screw washer with extractor
7	2350001	Screw with incorporated extractor
8	A072	L.H. crank, with incorporated extractor
9	7287005	Chain guard grub for ring from 48 to 54 t.

CODE	CRANK LENGTH						
	165	167,5	170	172,5	175	177,5	180
A071	●	●	●	●	●	●	●
A072	●	●	●	●	●	●	●

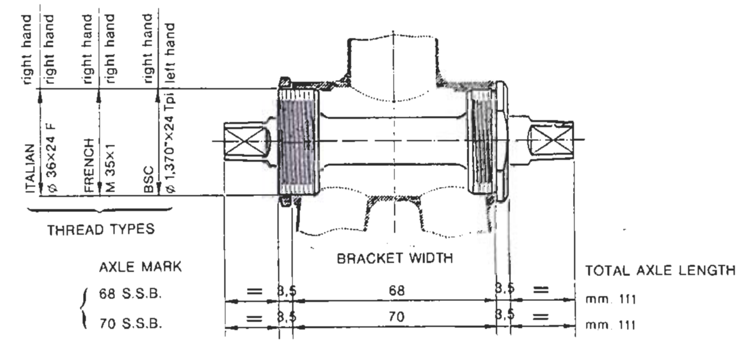
CODE	DESCR.	P.C.D.	RINGS TOOTHING																		
			39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
AZ00I	INNER	135	●	●	●	●	●	●	●	●	●										
AZ00	OUTER	135										●	●	●	●	●	●	●	●	●	●

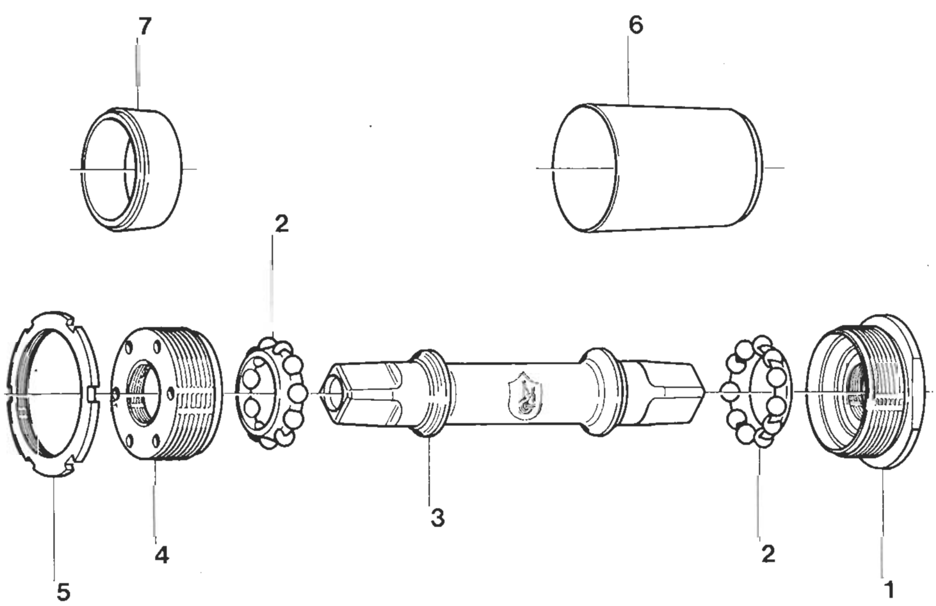


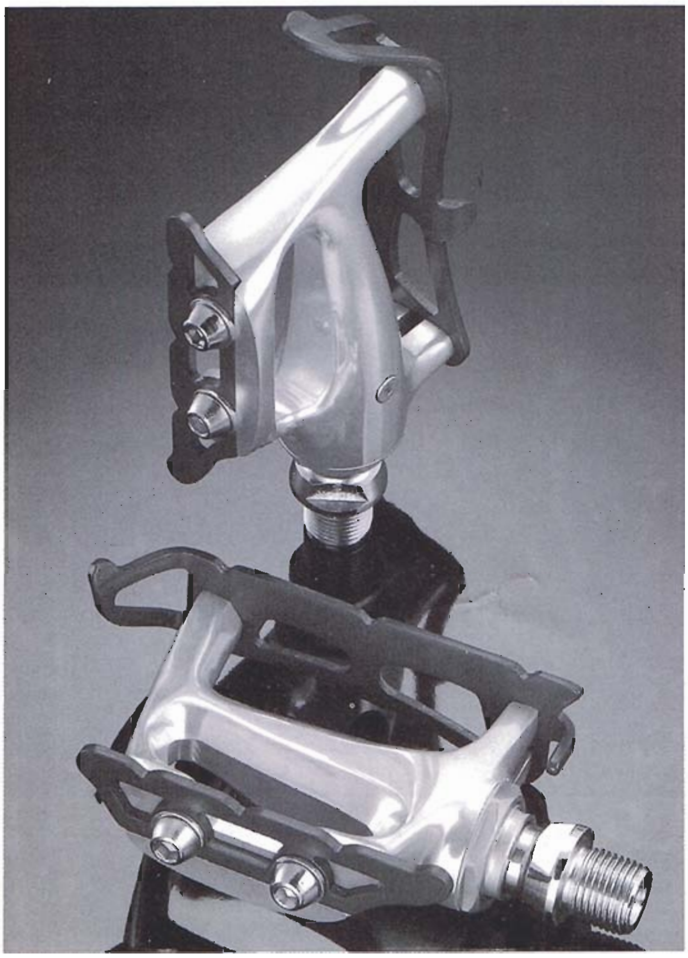
A0H0 RECORD BOTTOM BRACKET

1	1131050	R.H. fixed aluminium cup, balls ø 7/32", Italian thread
1	1131051	R.H. fixed aluminium cup, balls ø 7/32", French thread
1	1131052	R.H. fixed aluminium cup, balls ø 7/32", BSC thread
2	1134019	Balls set ø 7/32" (14 balls) with resin cage
3	7281277	70 SP axle, balls ø 7/32"
3	7281278	68 SP axle, balls ø 7/32"
4	1131053	L.H. adjustable aluminium cup, balls ø 7/32", Italian thread
4	1131054	L.H. adjustable aluminium cup, balls ø 7/32", French thread
4	1131055	L.H. adjustable aluminium cup, balls ø 7/32", BSC thread
5	7203001	L.H. cup lockring - Italian thread
5	7203002	L.H. cup lockring - French thread
5	7203003	L.H. cup lockring - BSC thread
6	7201012	Sleeve
7	7100009	Sleeve conical ring





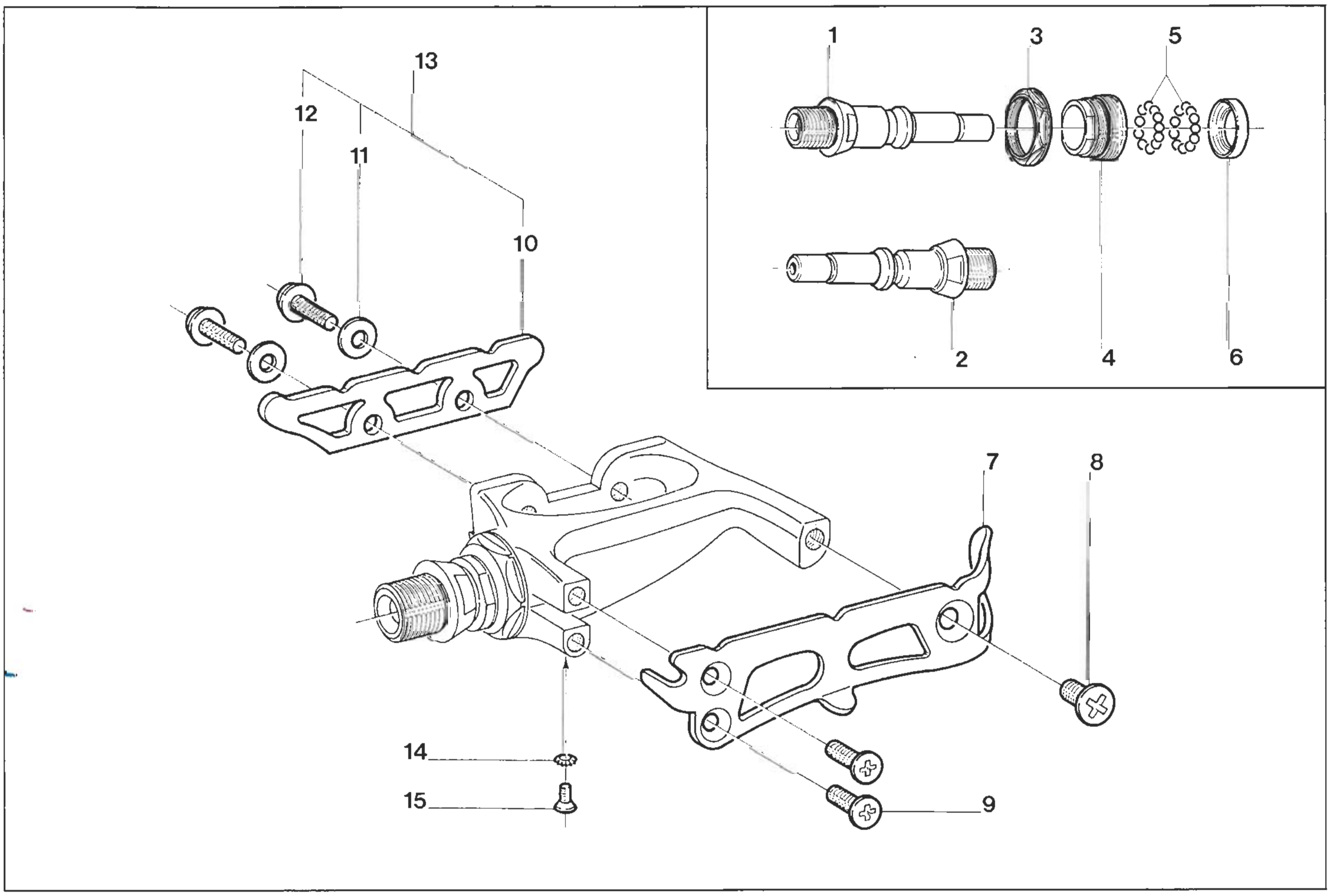




A625-LM RECORD «TRIPLE BEARING SYSTEM» R.H. PEDAL
A626-LM RECORD «TRIPLE BEARING SYSTEM» L.H. PEDAL

1	7281251	R.H. axle
2	7281253	L.H. axle
3	7161186	Locknut
4	7131102	Movable cup
5	1321011	Balls set ∅ 1/8" (28 + 28)
6	7131101	Fixed cup
7	7283068	R.H. pedal rear plate
8	7283069	L.H. pedal rear plate
8	7350251	Rear plate outer fixing screw
9	7350148	Rear plate inner fixing screw
10	7283087	Front plate
11	7300002	Washer
12	7350237	Toe-clip fixing screw
13	1134034	Envelope with plate, screws and washers
14	7304007	Greasing hole elastic washer
15	7350247	Greasing hole closing screw

Remark: The pedals are supplied complete with toe-clip and strap

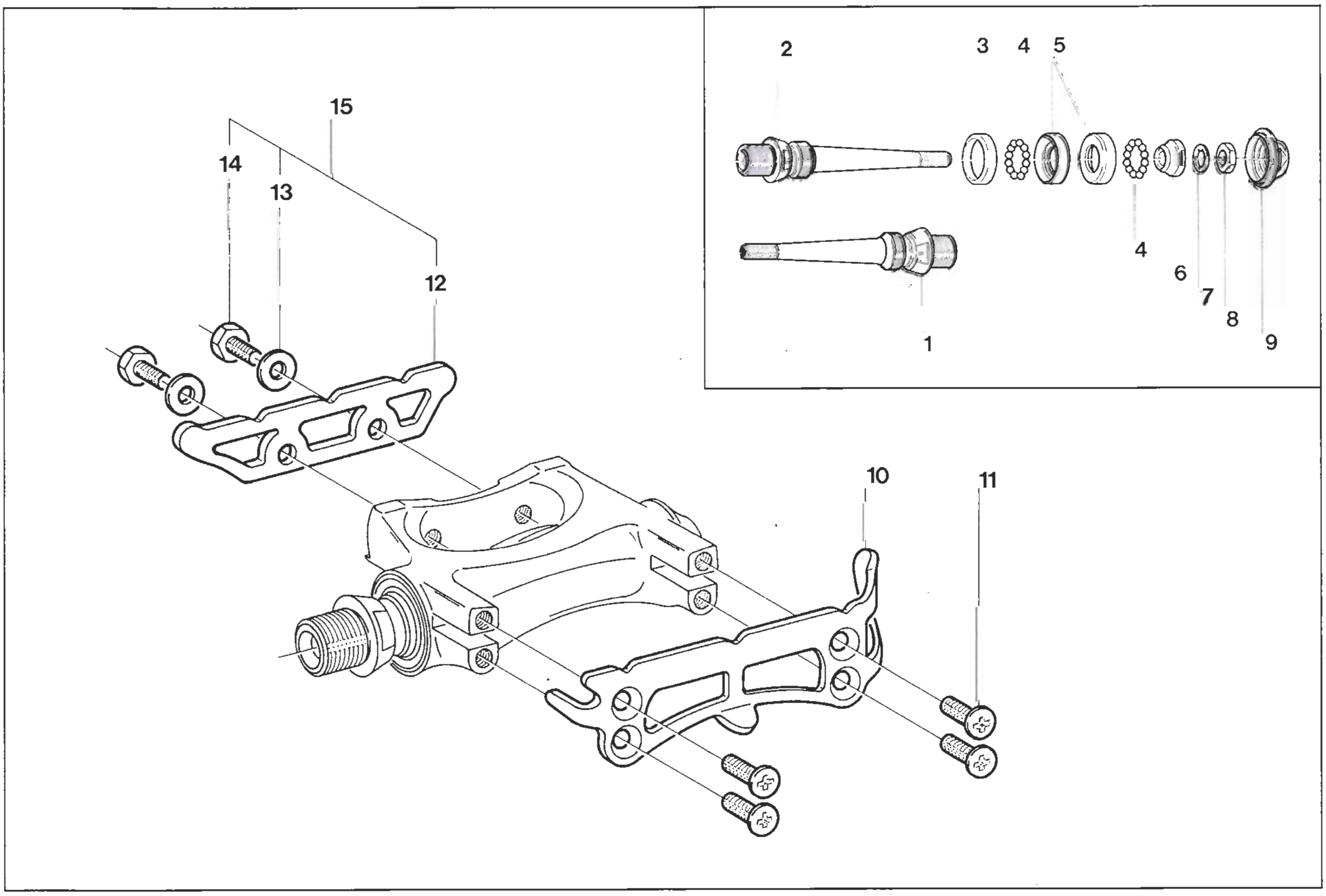


A631-LM RECORD ERGONOMIC R.H. PEDAL
A632-LM RECORD ERGONOMIC L.H. PEDAL

1	7281002	L.H. axle
2	7281001	R.H. axle
3	7146001	Dust cover
4	1321008	Balls set ∅ 5/32" (24 + 24)
5	7131001	Cup
6	7133002	Cone
7	7300001	Toothed washer
8	7161001	Locknut
9	7136031	Cover
10	7283059	R.H. pedal rear plate
10	7283060	L.H. pedal rear plate
11	7350148	Rear plate inner fixing screw
12	7283058	Front plate
13	7300002	Washer
14	7350237	Toe-clip fixing screw
15	1134021	Toe-clip plate, washers and fixing screws set

Remark: The pedals are supplied complete with toe-clip and straps



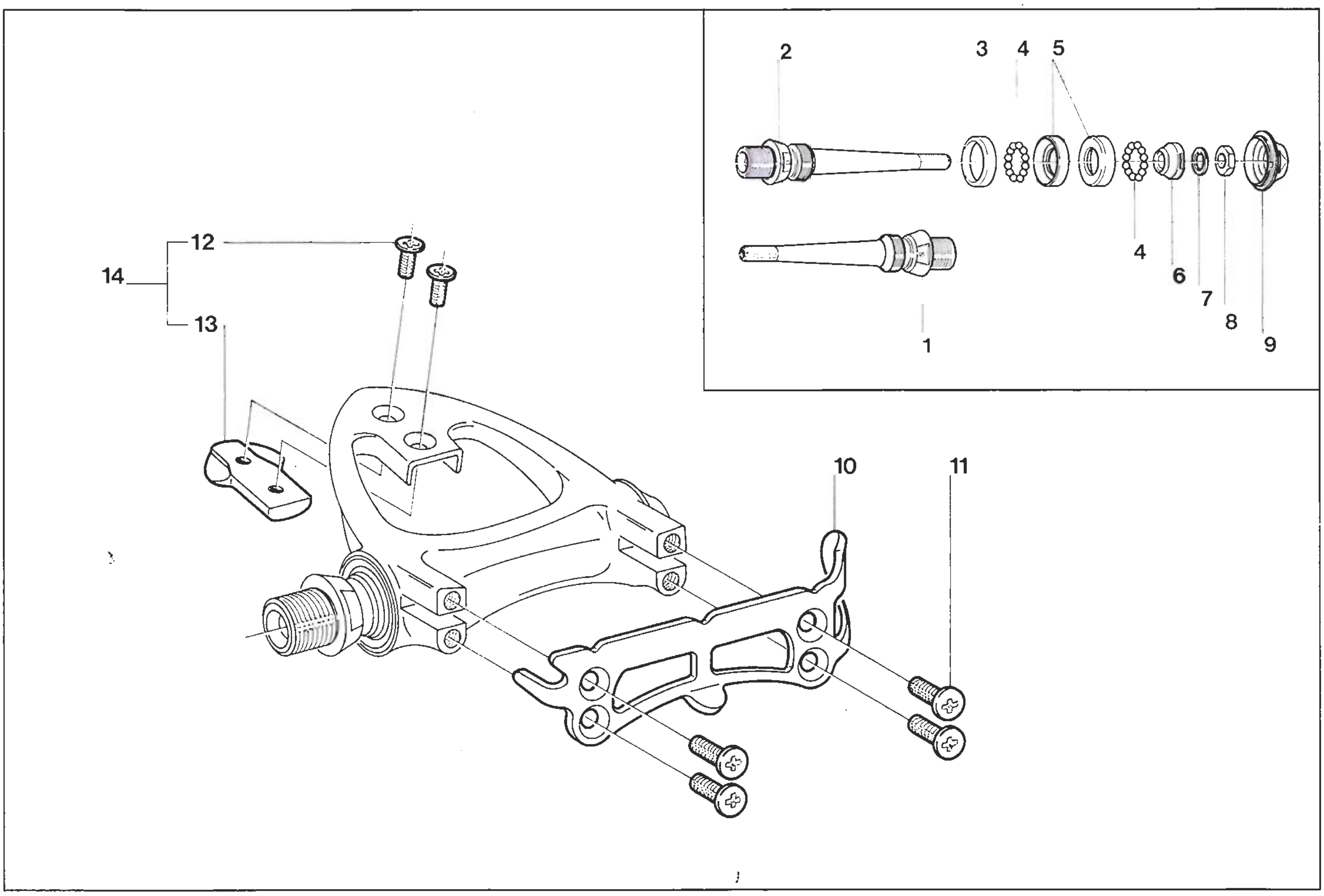




A601-AM RECORD R.H. PEDAL
A602-AM RECORD L.H. PEDAL

1	7281002	L.H. axle
2	7281001	R.H. axle
3	7146001	Dust cover
4	1321008	Balls set ∅ 5/32" (24 + 24)
5	7131001	Cup
6	7133002	Cone
7	7300001	Toothed washer
8	7161001	Locknut
9	7136031	Cover
10	7283059	R.H. pedal rear plate
10	7283060	L.H. pedal rear plate
11	7350148	Rear plate inner fixing screw
12	7350149	Toe-clip fixing screw
13	7283043	Toe-clip fixing plate
14	1134020	Toe-clip plate and fixing screws set

Remark: The pedals are supplied complete with toe-clip and strap

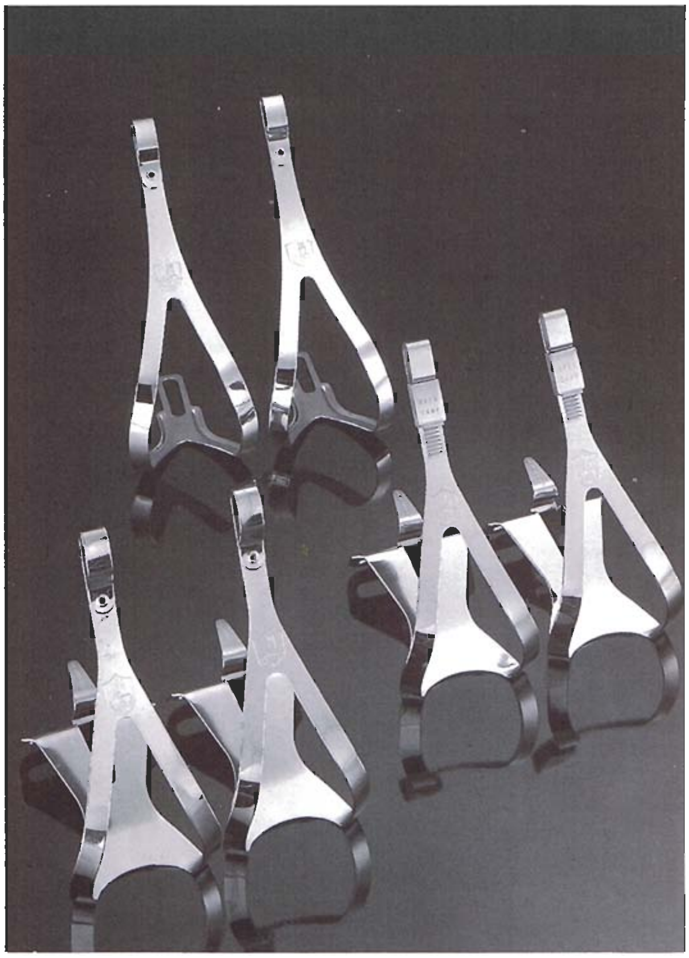


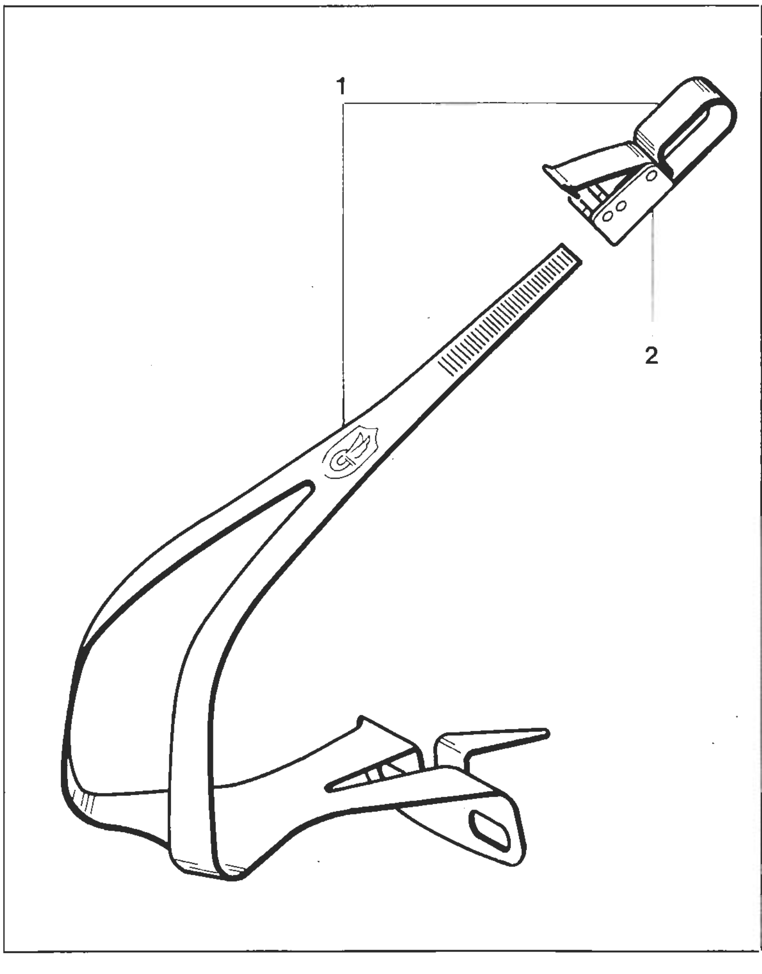
Toe-clips

	0F22-A	Steel toe-clip: small (S) - medium (M) - large (L)
	0F23-L	Aluminium toe-clip, with shoe plate: small (S) - medium (M) - large (L)
	0F23-A	Steel toe-clip, with shoe plate: small (S) - medium (M) - large (L)
1	0F20-A	«Multi-Size System» steel toe-clip: small (S) - medium (M) - large (L)
2	2183007	«Multi-Size System» toe-clip adjusting buckle

Straps

1153007	Shaped double layer leather strap



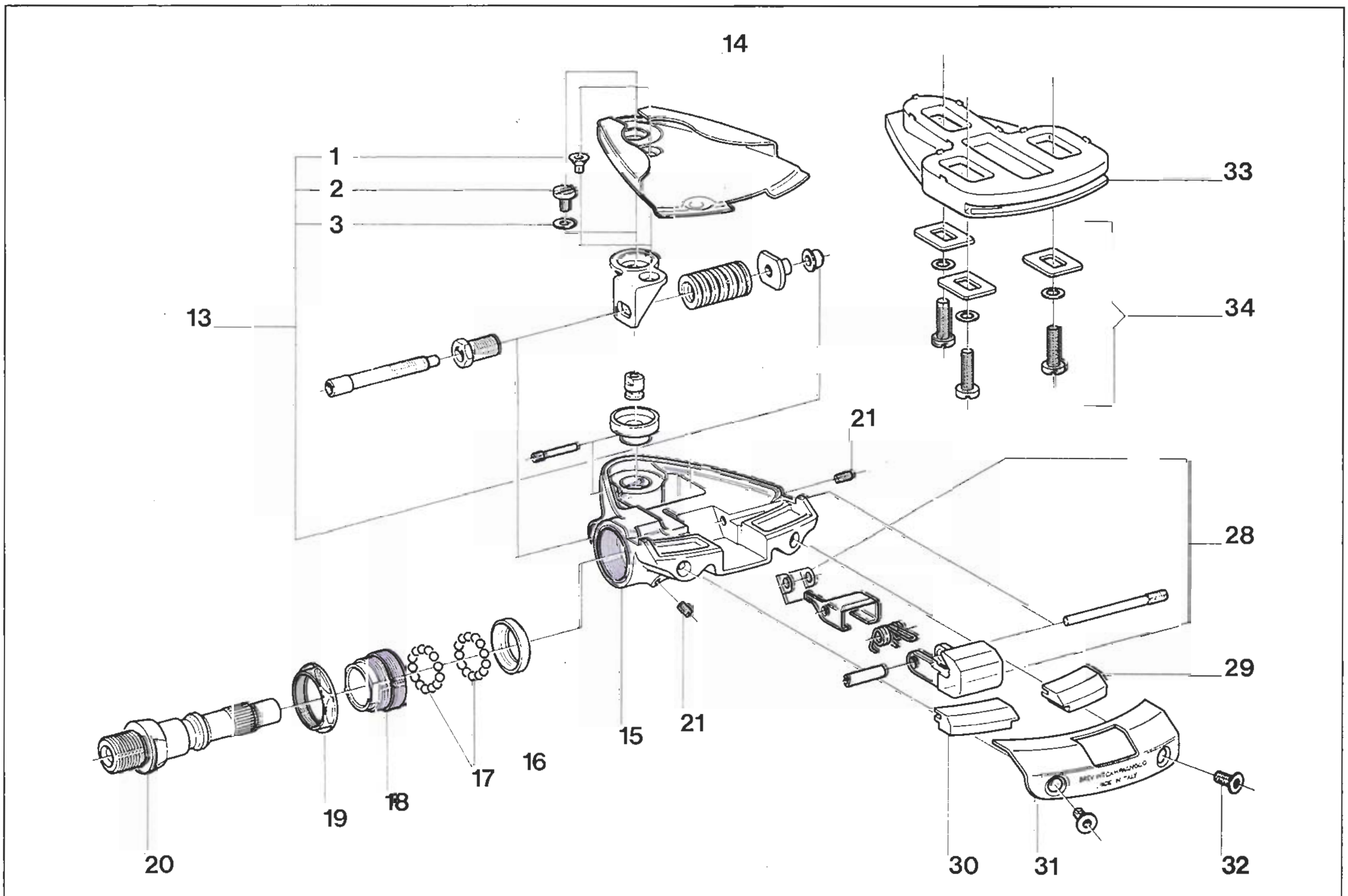






A063 SGR «TRIPLE-BEARING SYSTEM» R.H. PEDAL
A064 SGR «TRIPLE-BEARING SYSTEM» L.H. PEDAL

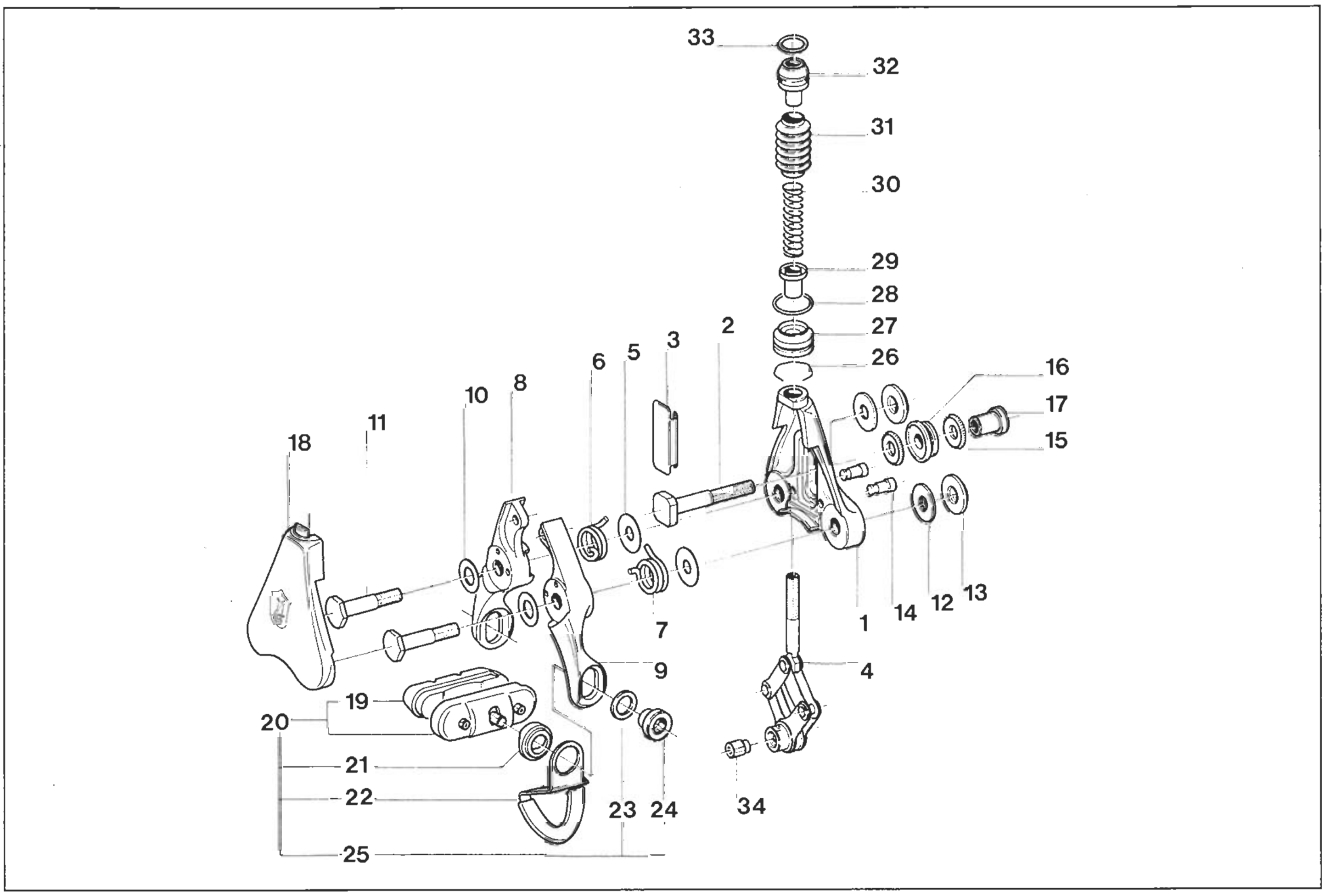
1	7350246	Bracket screw
2	7350243	Plate fixing screw
3	7300202	Washer
13	1100002	Front r.h. pedal set
13	1100003	Front l.h. pedal set
14	7283072	Fixing shoe r.h. plate
14	7283073	Fixing shoe l.h. plate
15	1143088	R.h. pedal body complete with fixed cup ball-bearing
15	1143089	L.h. pedal body complete with fixed cup ball-bearing
16	7131101	Fixed cup
17	1321011	Balls set ∅ 1/8" (28 + 28)
18	7131102	Movable cup
19	7161186	Locknut
20	7281266	R.H. pedal axle, Italian thread
20	7281267	L.H. pedal axle, Italian thread
21	7200021	Dowel
28	1100004	Rear r.h. pedal set
28	1100005	Rear l.h. pedal set
29	7233076	Guide plate r.h. insert
30	7283077	Guide plate l.h. insert
31	7283075	Insert stop plate
32	7350245	Plate fixing screw
33	7283074	Shoe plate
34	1134033	Fixing plate screws and washers set

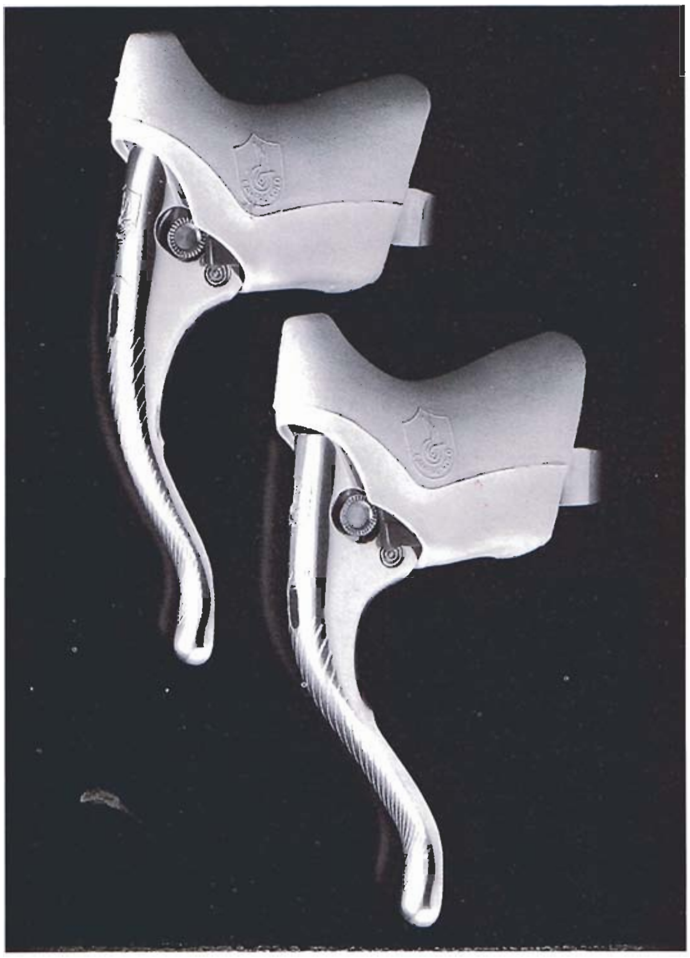


A051D RECORD DELTA FRONT BRAKE
A052D RECORD DELTA REAR BRAKE

1	7143693	Body
2	7350168	Front brake pivot screw
2	7350169	Rear brake pivot screw
3	7283055	Dust cover plate
4	1284013	Complete parallelogram
5	7300005	Inner sliding washer
6	7260079	R.H. brake shoe lever return spring
7	7260080	L.H. brake shoe lever return spring
8	7241047	R.H. brake shoe lever
9	7241048	L.H. brake shoe lever
10	7300143	Fixing levers screw washer
11	7350170	Fixing levers screw
12	7300194	Knurled washer
13	7161138	Fixing levers locknut
14	7281218	Spring brake axle
15	7300010	Front and rear brake toothed washer
16	7160072	Spacer
17	7161105	Allen recessed nut
18	7136038	Body cover
19	7289008	Brake block
20	2290012	Complete brake shoe with block, without guidewheel
21	7300142	Brake shoe concave washer
22	3210001	Guidewheel with covering
23	7300141	Brake shoe fixing nut washer
24	7161121	Brake shoe fixing nut
25	1290012	Complete brake shoe
26	7100045	Sleeve seal ring
27	7203048	Cover locking sleeve
28	7100046	Jointing ring
29	7116081	Fixing cover bush
30	7260091	Upper spring
31	7201042	Bellow
32	1203004	Adjusting sleeve with bush
33	7100050	Adjusting sleeve jointing ring
34	2200001	Cable clamp dowel

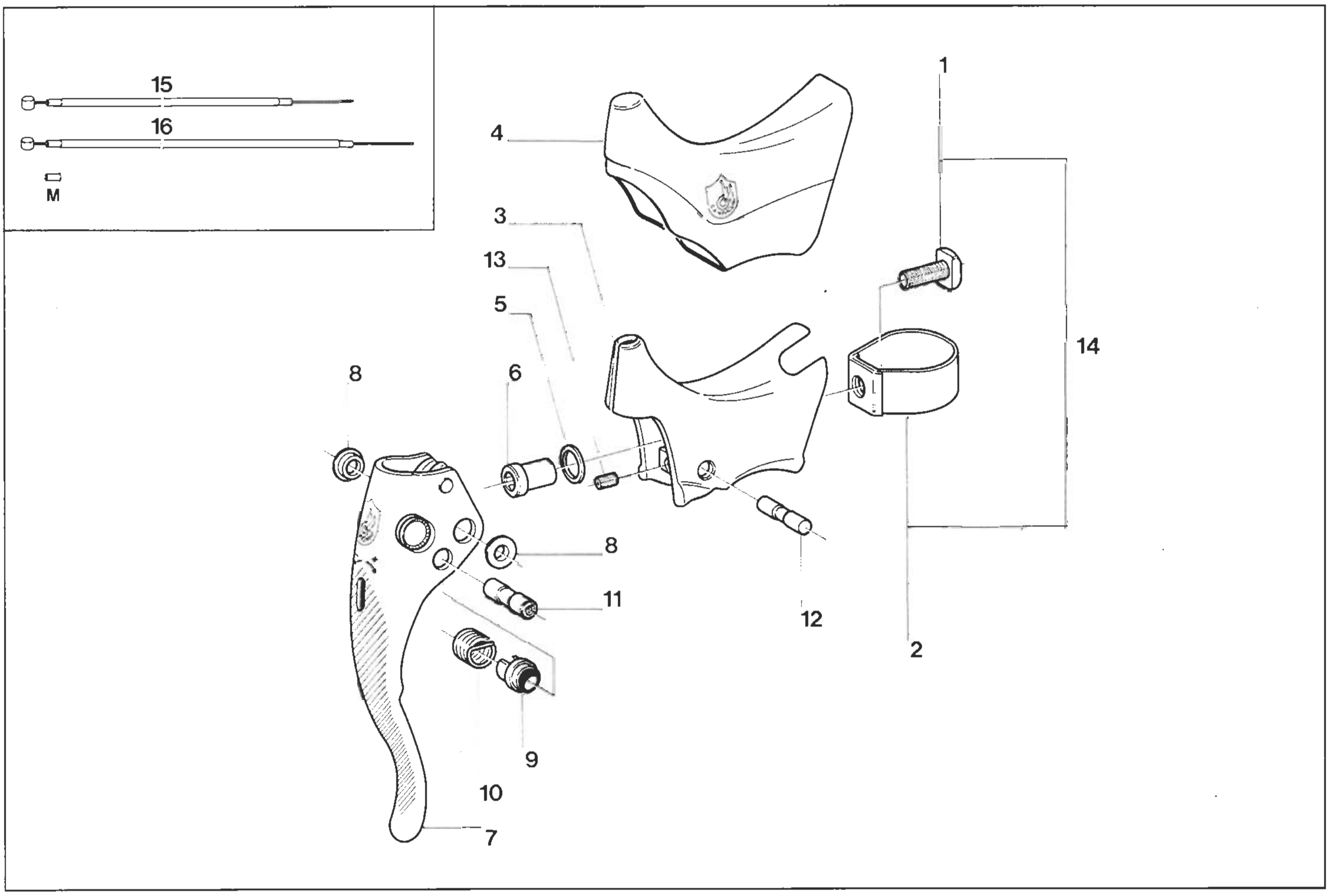






A054 «POWER-GRADE SYSTEM» BRAKE LEVER

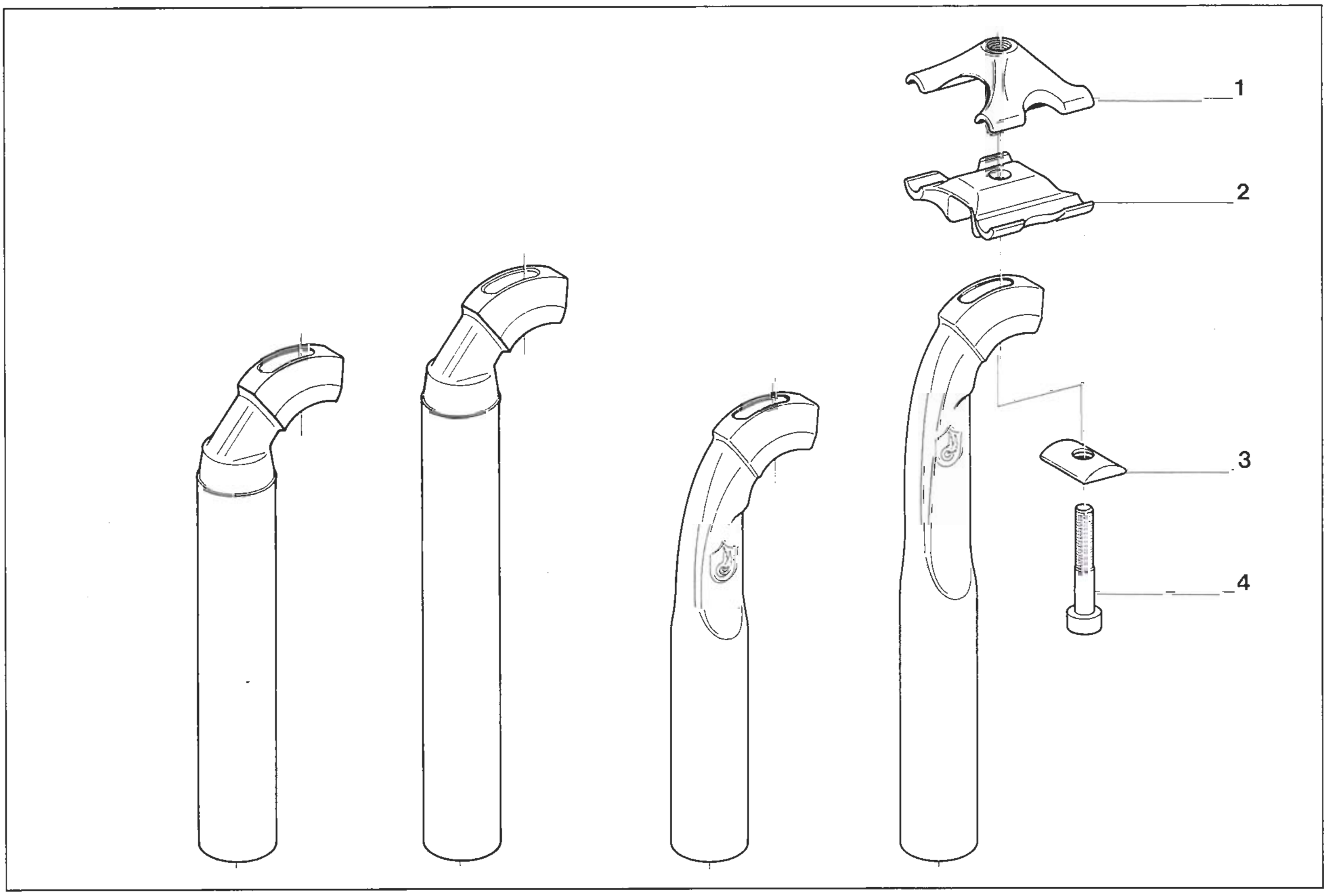
1	7350221	Fixing screw
2	7182031	Fixing clip
3	7143761	Body
4	7201041	Hood
5	7300177	Washer
6	7161105	Allen recessed nut
7	1241030	Lever
7	1241035	Compact lever
8	7116083	Bush
9	7116082	Quick release lever bush
10	7260092	Quick release lever spring
11	7281220	Quick release lever axle
12	7281221	Pivot pin
13	7200016	Stop dowel
14	1182025	Fixing screw and clip set
15	0120059	Front brake cable and casing
16	0120060	Rear brake cable and casing
M	7140004	Casing end



A0R1 RECORD STYLED SEAT PIN 180 mm.
A0R1-S RECORD STYLED SEAT PIN 130 mm.
A0R7 RECORD CYLINDRICAL SEAT PIN 180 mm.
A0R7-S RECORD CYLINDRICAL SEAT PIN 130 mm.

1	1320001	Bracket
2	7316009	Sliding support
3	7300129	Convex washer
4	7350162	Fixing screw

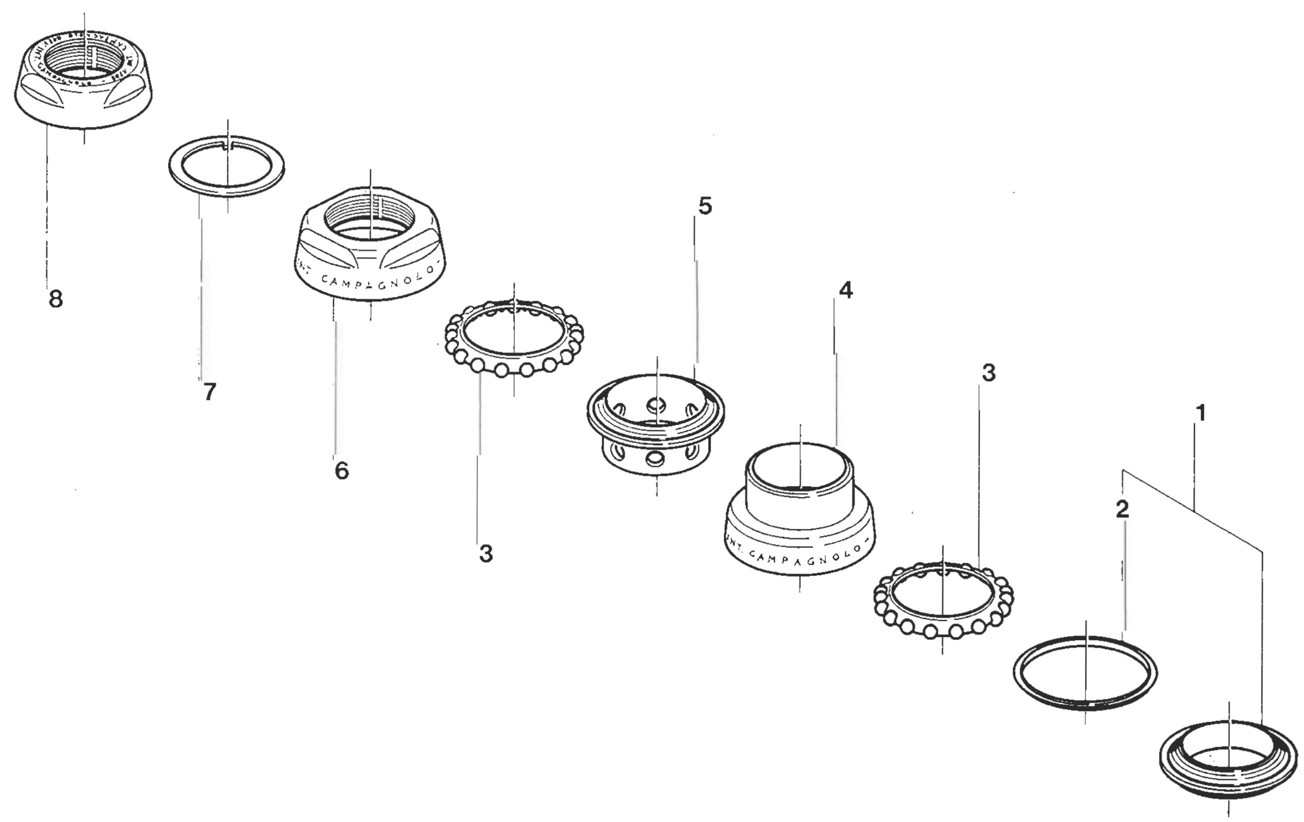




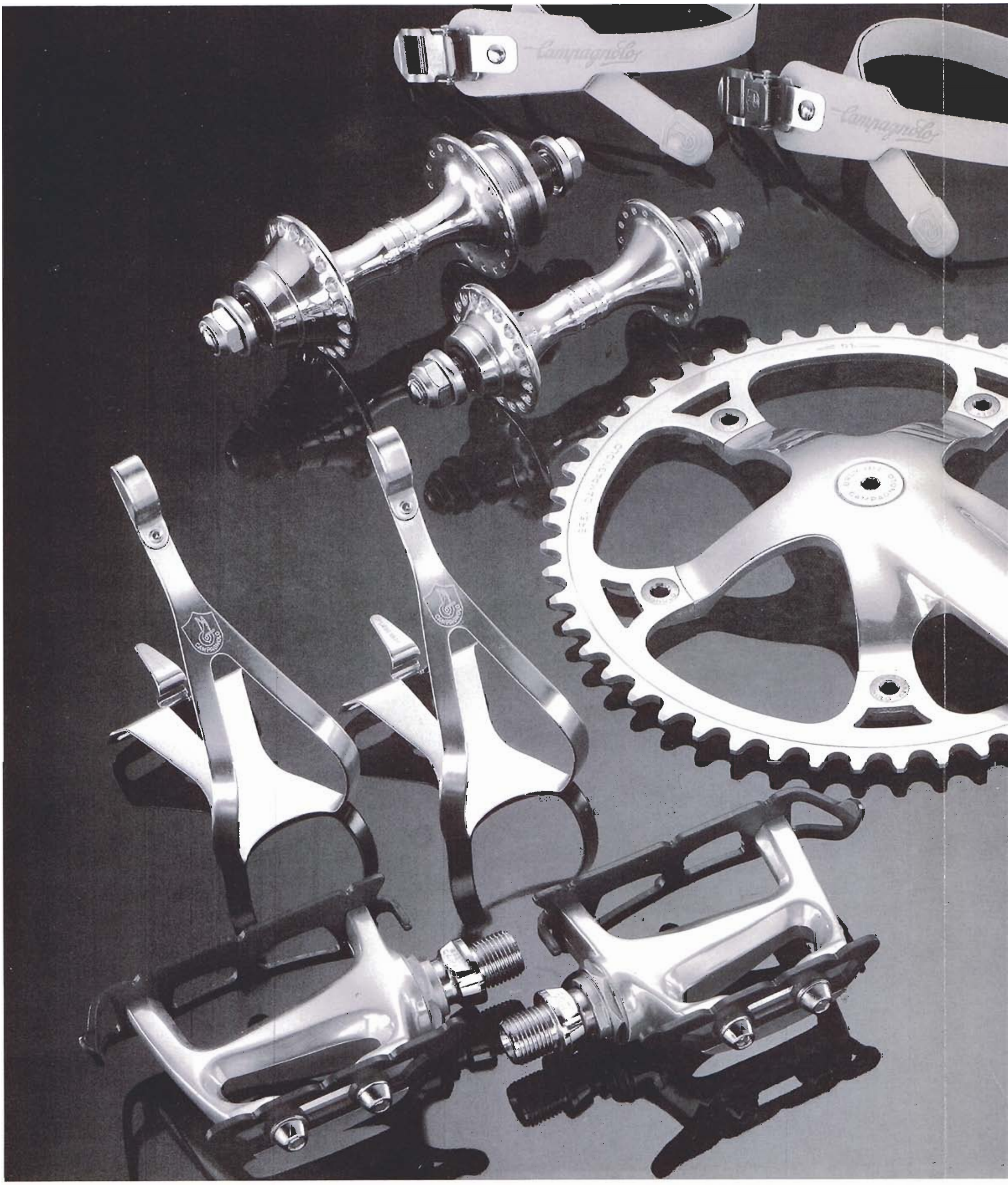


A0D0 RECORD HEAD SET

1	1133001	Lower cone with jointing
2	7211007	Jointing
3	1134018	Balls set ∅ 3/16" with resin cage
4	1131059	Lower cup
5	7133081	Upper cone
6	1131056	Upper cup, Italian thread
6	1131057	Upper cup, French thread
6	1131058	Upper cup, BSC thread
7	7300119	Toothed washer, Italian/BSC thread
7	7300120	Toothed washer, French thread
8	7161133	Locknut, Italian thread
8	7161134	Locknut, French thread
8	7161135	Locknut, BSC thread



RECORD
PISTA


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Basic Group

CODE	COMPONENTS	VARIANTS
A300PFG	Record track large flange hubs, with solid spindle and nuts, 36 holes, front width 100, rear width 120, Italian thread mm. 35×24 F	Drillings: 24 - 28 - 32 Front width: 90 Rear width: 110 Thread: BSC 1,370"×24 F - FR M 34,7×1
A040P	Record track chainwheel, pitch circle diameter 144 - cranks 170 mm. - 48 t., thickness 3 mm., 1/2"×1/8"	Cranks length: 165 - 167,5 - 172,5 - 175 - 177,5 - 180 mm. Rings toothing: from 42 to 70 t., (1/2"×1/8") Thickness: 2 mm. (up to 56 t.), 1/2"×3/32"
A0H0P	Record track bottom bracket Italian thread mm. 36×24 F Width 70 mm.	Thread: BSC 1,370"×24 TPI - FR M 35×1 Width: 68 mm.
A620-LM	Record «Triple-Bearing System» pedals complete with medium (M) aluminium toe-clip and shaped double layer leather strap	Toe-clip length: small (S) - large (L) Steel toe-clip: small (S) - medium (M) - large (L) Steel «Multi-Size System» toe-clip: small (S) - medium (M) - large (L)
A0R2	Record styled seat pin 180 mm. Ø 27,2 complete with fixing screw and nut Ø 8	Length: 180 mm. (code A0R2) Ø: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 Length: 130 mm. (code A0R2-S) Ø: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 - 27,2
A0D0P	Record track aluminium head set, Italian thread mm. 25,4×24 F	Thread: BSC 1"×24 TPI - FR M 25×1

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Campagnolo decline all responsibilities for any improper use or tampering of the products.

Substitutive components

CODE	COMPONENTS	VARIANTS
A300P	Record track small flange hubs with solid spindle and nuts, 36 holes, front width 100, rear width 120, Italian thread mm. 35×24 F	Drillings: 24 - 28 - 32 Front width: 90 Rear width: 110 Thread: BSC 1,370"×24 F - FR M 34,7×1
A630-LM	Record Ergonomic pedals complete with medium (M) aluminium toe-clip and shaped double layer leather strap	Toe-clip length: small (S) - large (L) Steel toe-clip: small (S) - medium (M) - large (L) Steel «Multi-Size System» toe-clip: small (S) - medium (M) - large (L)
A0R8	Record cylindrical seat pin 180 mm. ∅ 27,2 complete with fixing screw and nut ∅ 8	Length: 180 mm. (code A0R8) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 Length: 130 mm. (code A0R8-S) ∅: 25 - 26,2 - 26,4 - 26,6 - 26,8 - 27 - 27,2

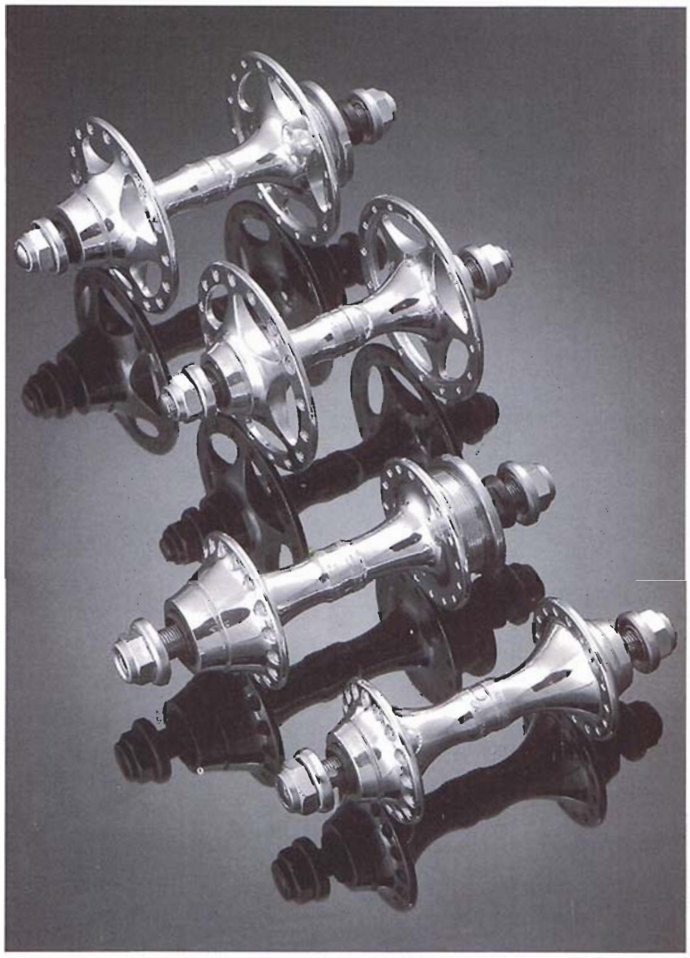
the basic version will be supplied.

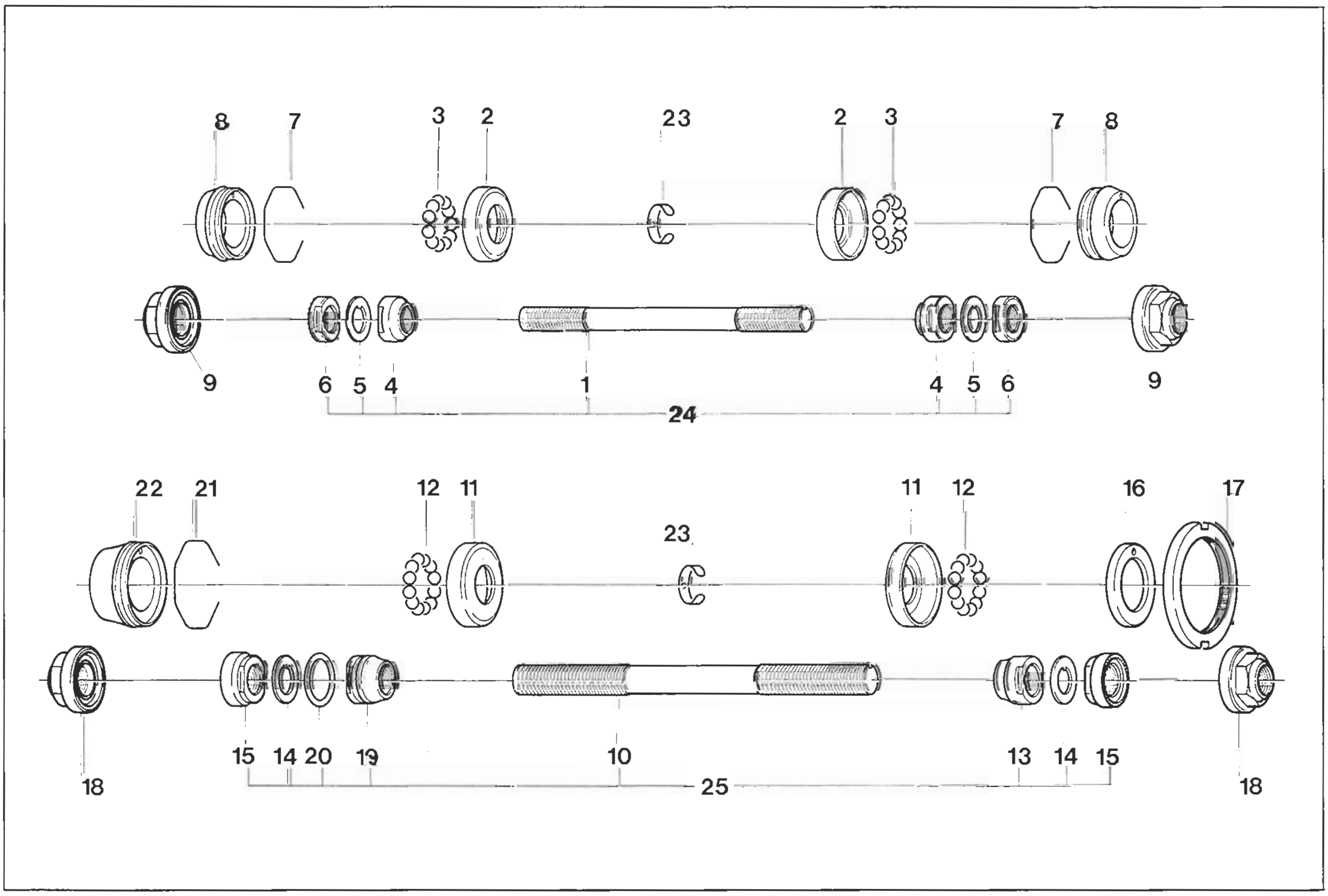
A031P RECORD TRACK SMALL FLANGE FRONT HUB
A031PFG RECORD TRACK LARGE FLANGE FRONT HUB

1	7281028	Solid axle
2	7131071	Cup
3	1321006	Balls set ∅ 7/32" (9 + 9)
4	7133076	Cone
5	7300026	Toothed washer by 1 mm.
5	7300027	Toothed washer by 1,5 mm.
5	7300028	Toothed washer by 2 mm.
6	7161170	Locknut
7	7100033	Dust cover circlip
8	7146011	Dust cover
9	2161001	Fixing nut
23	7182028	Oiler hole central clip
24	1281050	Complete axle

A032P RECORD TRACK SMALL FLANGE REAR HUB
A032PFG RECORD TRACK LARGE FLANGE REAR HUB

10	7281029	Solid axle, width 110
10	7281030	Solid axle, width 120
11	7131072	Cup
12	1321005	Balls set ∅ 1/4" (9 + 9)
13	7133053	R.H. cone
14	7300040	Toothed washer by 1 mm.
14	7300041	Toothed washer by 1,5 mm.
14	7300042	Toothed washer by 2 mm.
15	7161172	Locknut by 6,5 mm.
16	7146015	R.H. dust cover
17	7203011	Lockring
18	2161003	Fixing nut
19	7133080	L.H. cone
20	7100046	Jointing ring
21	7100034	Dust cover circlip
22	7146026	L.H. dust cover
23	7182028	Oiler hole central clip
25	1281051	Complete axle, width 110
25	1281052	Complete axle, width 120





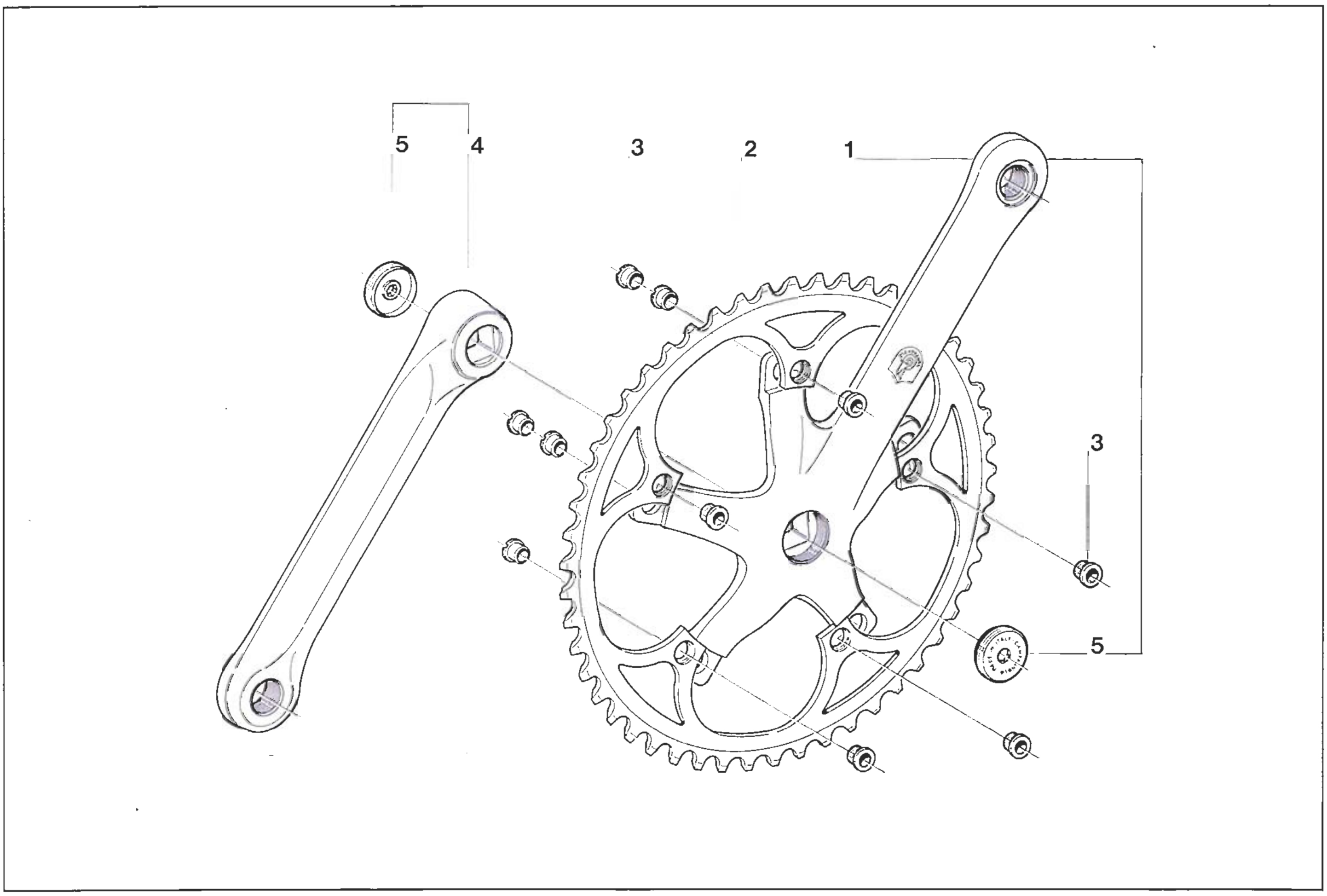


A040P RECORD TRACK CHAINWHEEL

1 A071P R.H. crank, pitch circle diameter 144
2 SZ00P2 Ring, 1/2" × 3/32" (2 mm.), pitch circle diameter 144
2 SZ00P Ring, 1/2" × 1/8" (3 mm.), pitch circle diameter 144
3 0100010 Rings fixing screw and nut
4 A072P L.H. crank
5 7136041 Crank plate cover

CODE	CRANKS LENGTH						
	165	167,5	170	172,5	175	177,5	180
A071P	●	●	●	●	●	●	●
A072P	●	●	●	●	●	●	●

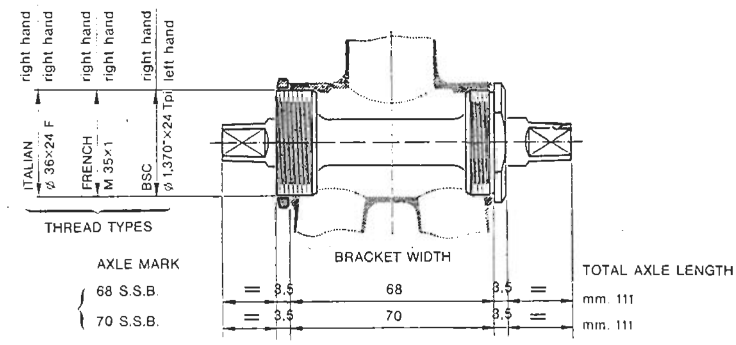
CODE	TEETH THICKNESS	P.C.D.	RINGS TOOTHING
SZ00P2	2 mm.	144	from 42 to 56
SZ00P	3 mm.	144	from 42 to 70

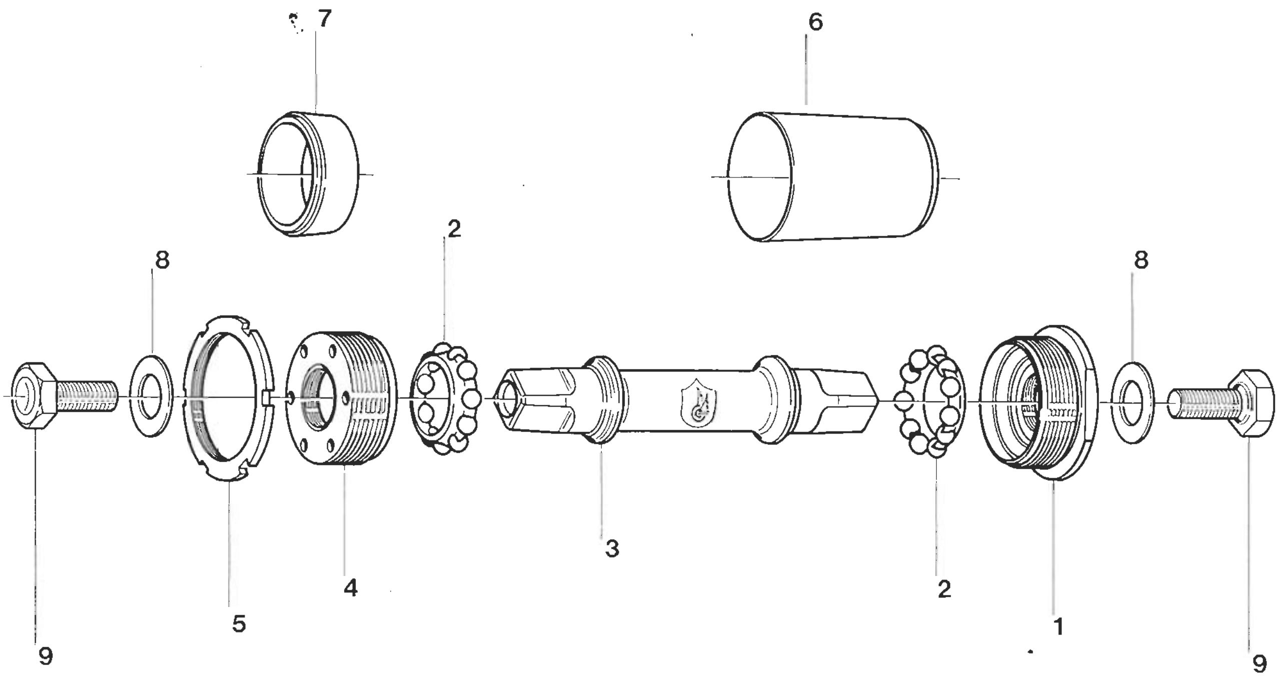


A0H0P RECORD TRACK BOTTOM BRACKET

1	1131050	R.H. fixed aluminium cup, balls ∅ 7/32", Italian thread
1	1131051	R.H. fixed aluminium cup, balls ∅ 7/32", French thread
1	1131052	R.H. fixed aluminium cup, balls ∅ 7/32", BSC thread
2	1134019	Balls set ∅ 7/32" with resin cage (14 balls)
3	7281277	70 SP axle, balls ∅ 7/32"
3	7281278	68 SP axle, balls ∅ 7/32"
4	1131053	L.H. adjustable aluminium cup, balls ∅ 7/32", Italian thread
4	1131054	L.H. adjustable aluminium cup, balls ∅ 7/32", French thread
4	1131055	L.H. adjustable aluminium cup, balls ∅ 7/32", BSC thread
5	7203001	L.H. cup lockring - Italian thread
5	7203002	L.H. cup lockring - French thread
5	7203003	L.H. cup lockring - BSC thread
6	7201012	Sleeve
7	7100009	Sleeve conical ring
8	7300025	Crank fixing screw washer
9	7350025	Crank fixing screw





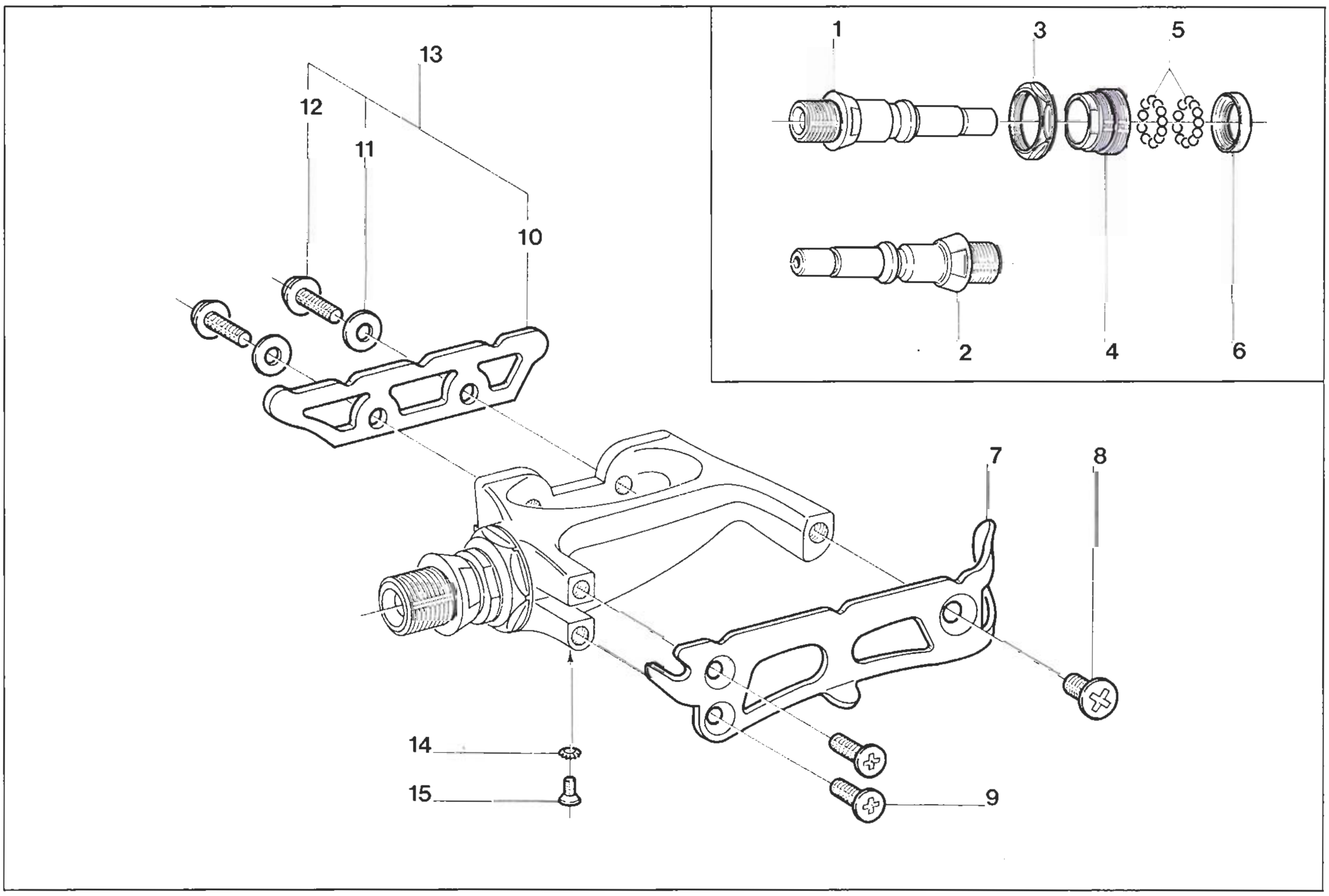




A625-LM RECORD «TRIPLE-BEARING SYSTEM» R.H. PEDAL
A626-LM RECORD «TRIPLE-BEARING SYSTEM» L.H. PEDAL

1	7281251	R.H. axle
2	7281253	L.H. axle
3	7161186	Locknut
4	7131102	Movable cup
5	1321011	Balls set ∅ 1/8" (28 + 28)
6	7131101	Fixed cup
7	7283068	R.H. pedal rear plate
7	7283069	L.H. pedal rear plate
8	7350251	Rear plate outer fixing screw
9	7350148	Rear plate inner fixing screw
10	7283087	Front plate
11	7300002	Washer
12	7350237	Toe-clip fixing screw
13	1134034	Envelope with plate, screws and washers
14	7304007	Greasing hole elastic washer
15	7350247	Greasing hole closing screw
	0F23-L	Aluminium toe-clip, with shoe plate: small (S) - medium (M) - large (L)
	0F23-A	Steel toe-clip, with shoe plate: small (S) - medium (M) - large (L)
	1153007	Shaped double layer leather strap

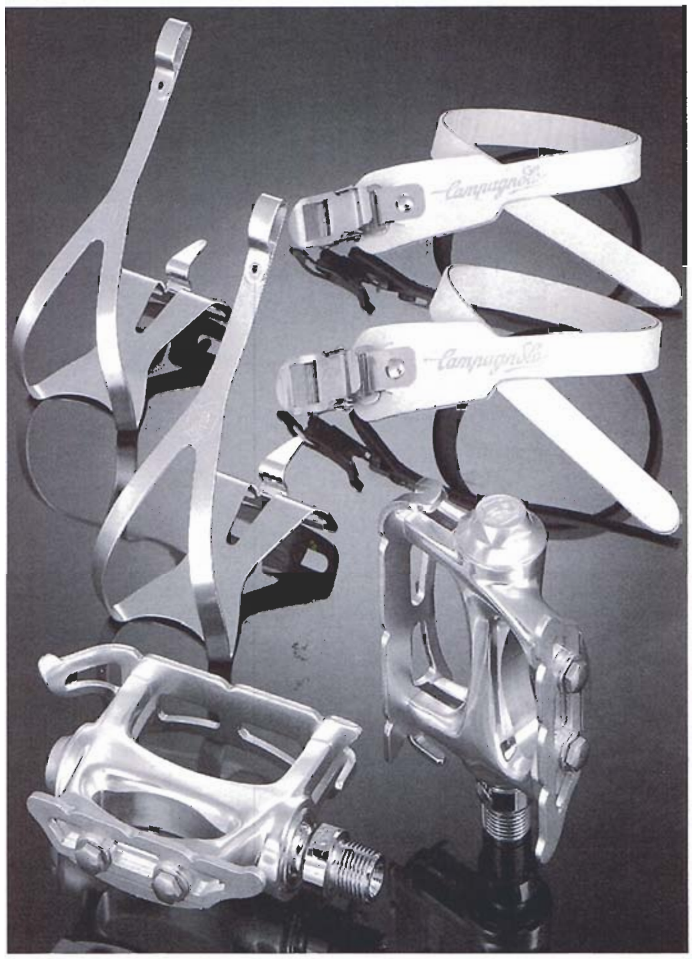
Remark: The pedals are supplied complete with toe-clip and strap

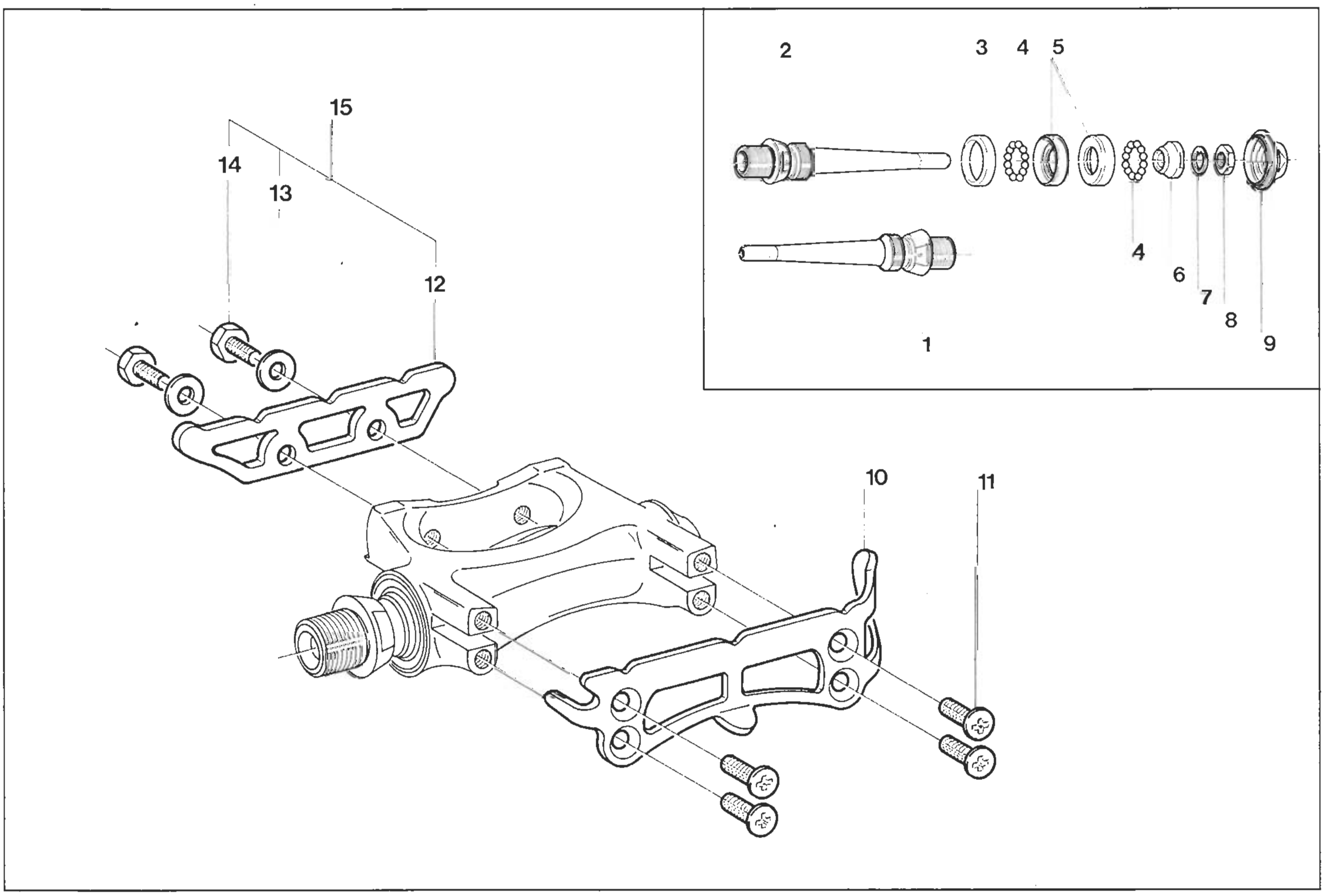


A631-LM RECORD ERGONOMIC R.H. PEDAL
A632-LM RECORD ERGONOMIC L.H. PEDAL

1	7281002	L.H. axle
2	7281001	R.H. axle
3	7146001	Dust cover
4	1321008	Balls set ∅ 5/32" (24 + 24)
5	7131001	Cup
6	7133002	Cone
7	7300001	Toothed washer
8	7161001	Locknut
9	7136031	Cover
10	7283059	R.H. pedal rear plate
10	7283060	L.H. pedal rear plate
11	7350148	Rear plate inner fixing screw
12	7283058	Front plate
13	7300002	Washer
14	7350237	Toe-clip fixing screw
15	1134021	Toe-clip plate, washers and fixing screws set
	0F23-L	Aluminium toe-clip, with shoe plate: small (S) - medium (M) - large (L)
	0F23-A	Steel toe-clip, with shoe plate: small (S) - medium (M) - large (L)
	1153007	Shaped double layer leather strap

Remark: The pedals are supplied complete with toe-clip and strap

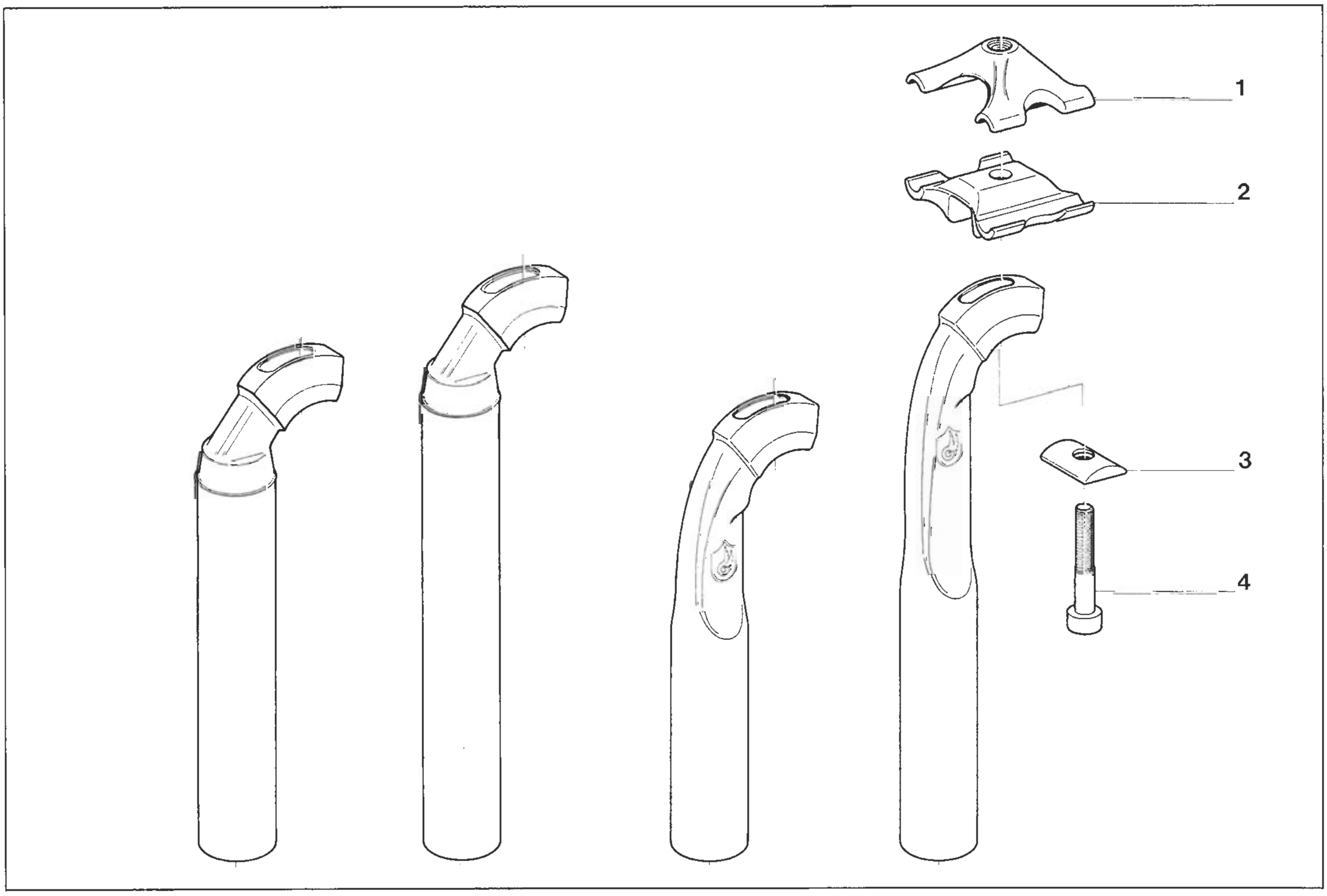






A0R1 RECORD STYLED SEAT PIN 180 mm.
A0R1-S RECORD STYLED SEAT PIN 130 mm.
A0R7 RECORD CYLINDRICAL SEAT PIN 180 mm.
A0R7-S RECORD CYLINDRICAL SEAT PIN 130 mm.

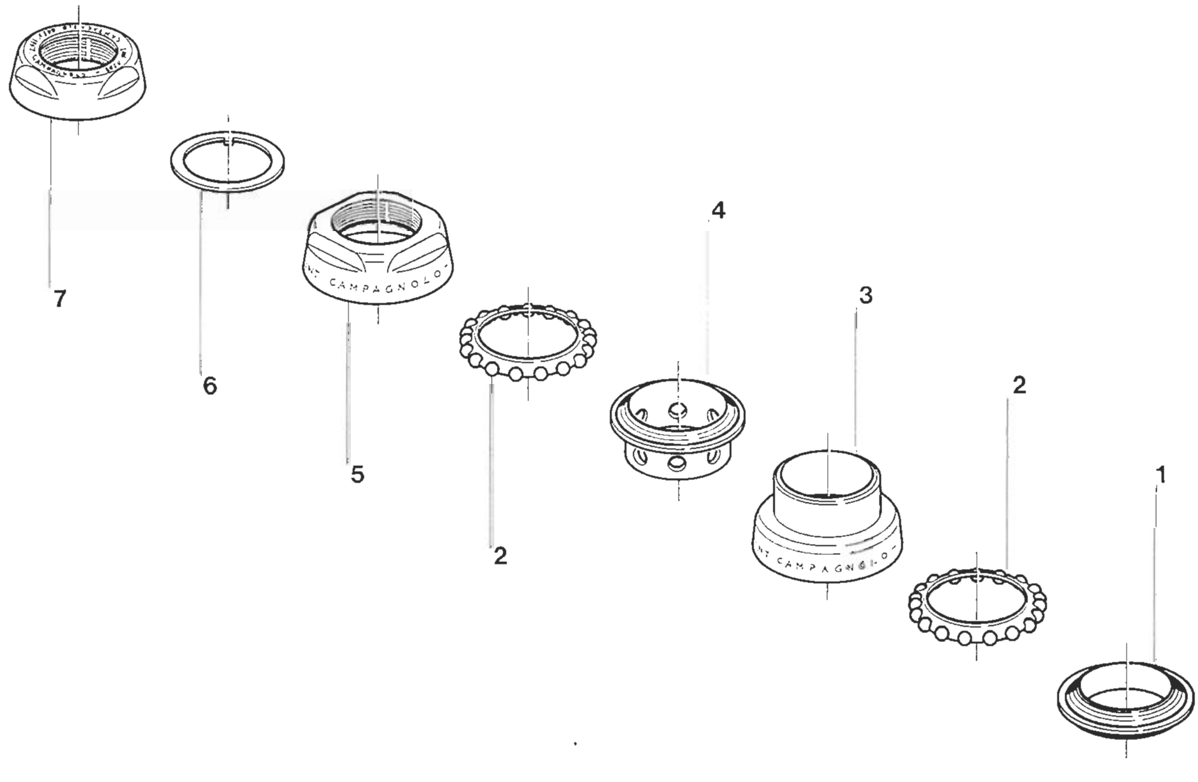
1	1320001	Bracket
2	7316009	Sliding support
3	7300129	Convex washer
4	7350162	Fixing screw



A0D0P RECORD TRACK HEAD SET

1	7133075	Lower cone
2	1134014	Balls set Ø 5/32"
3	1131045	Lower cup
4	7133045	Upper cone
5	1131035	Upper cup, Italian thread
5	1131036	Upper cup, French thread
5	1131037	Upper cup, BSC thread
6	7300119	Toothed washer, Italian/BSC thread
6	7300120	Toothed washer, French thread
7	7161133	Locknut, Italian thread
7	7161134	Locknut, French thread
7	7161135	Locknut, BSC thread

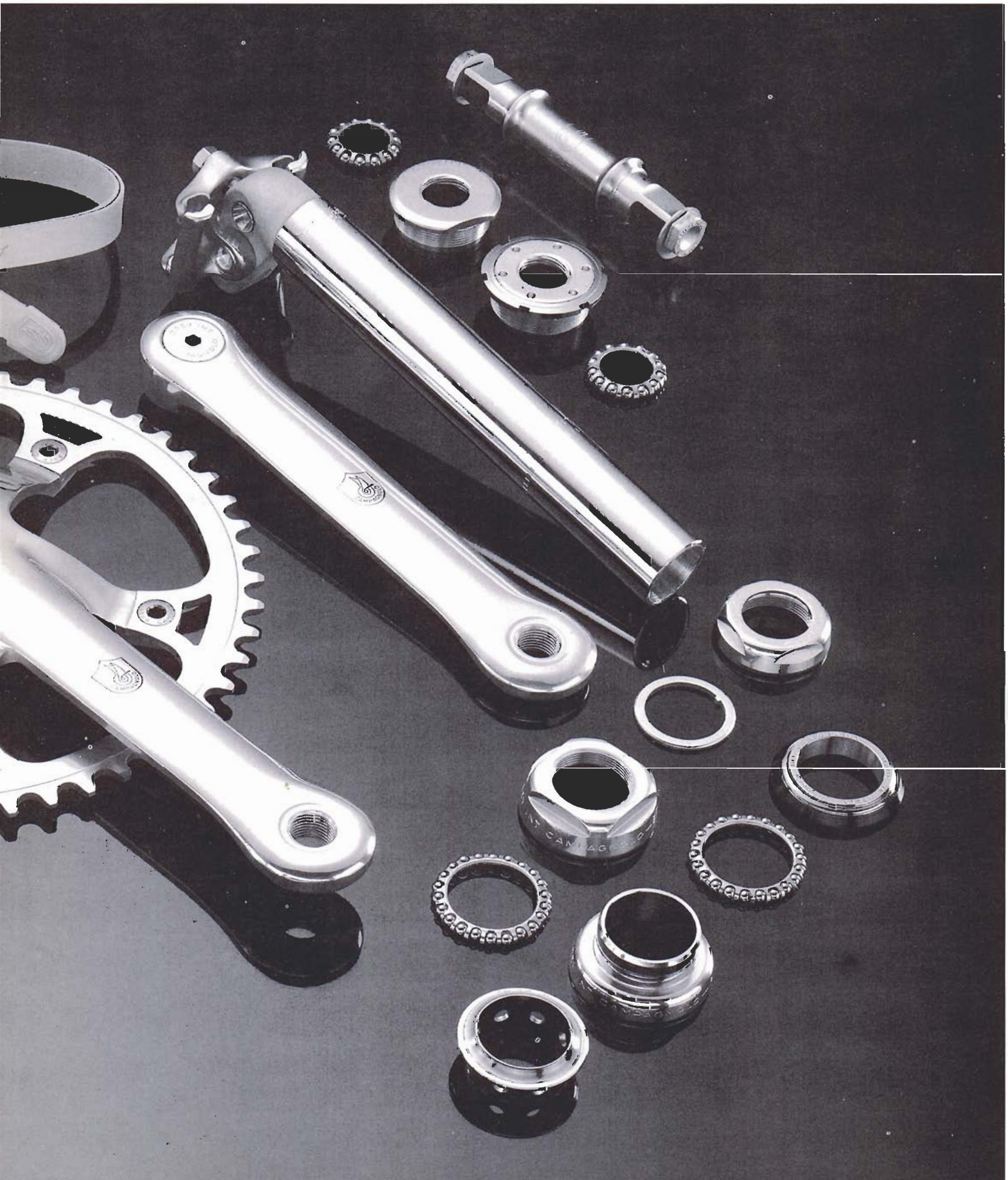




RECORD
KEIRIN NJS approved

RECORD® GROUP • KEIRIN «NJS approved»





Basic Group

CODE	COMPONENTS	VARIANTS
A300KFG	Record Keirin large flange hubs with solid spindle and nuts, 36 holes, front width 100, rear width 120, Keirin thread	Front width 100 for rear width 120 Front width 100 for rear width 110 Rear width: 110
A040K	Record Keirin chainwheel, pitch circle diameter 144, cranks 170 mm. - 48 t., 1/2" × 1/8"	Cranks length: 165 - 167,5 - 172,5 - 175 - 177,5 - 180 mm. Rings toothing: 44 - 45 - 46 - 47 - 49 - 50 - 51 - 52 - 53 - 54
A0H0K	Record Keirin bottom bracket Keirin thread Width 68 mm.	
A630KAM	Record Keirin Ergonomic pedals complete with medium (M) steel toe-clip and double layer leather strap	Steel toe-clip: small (S) - large (L) Aluminium toe-clip: small (S) - medium (M) - large (L)
00R8K	Keirin cylindrical seat pin 180 mm. with two fixing screws ∅ 27,2 complete with fixing screw and nut ∅ 8	∅: 26,8 - 27
A0D0K	Record Keirin aluminium head set, Keirin thread	

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Campagnolo decline all responsibilities for any improper use or tampering of the products.

Substitutive components

CODE	COMPONENTS	VARIANTS

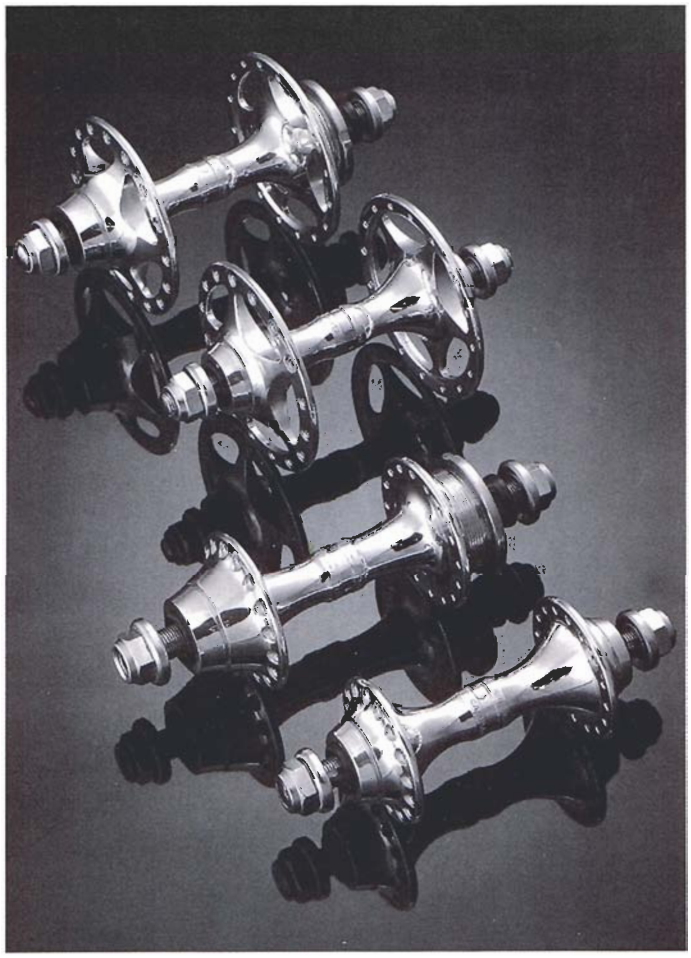
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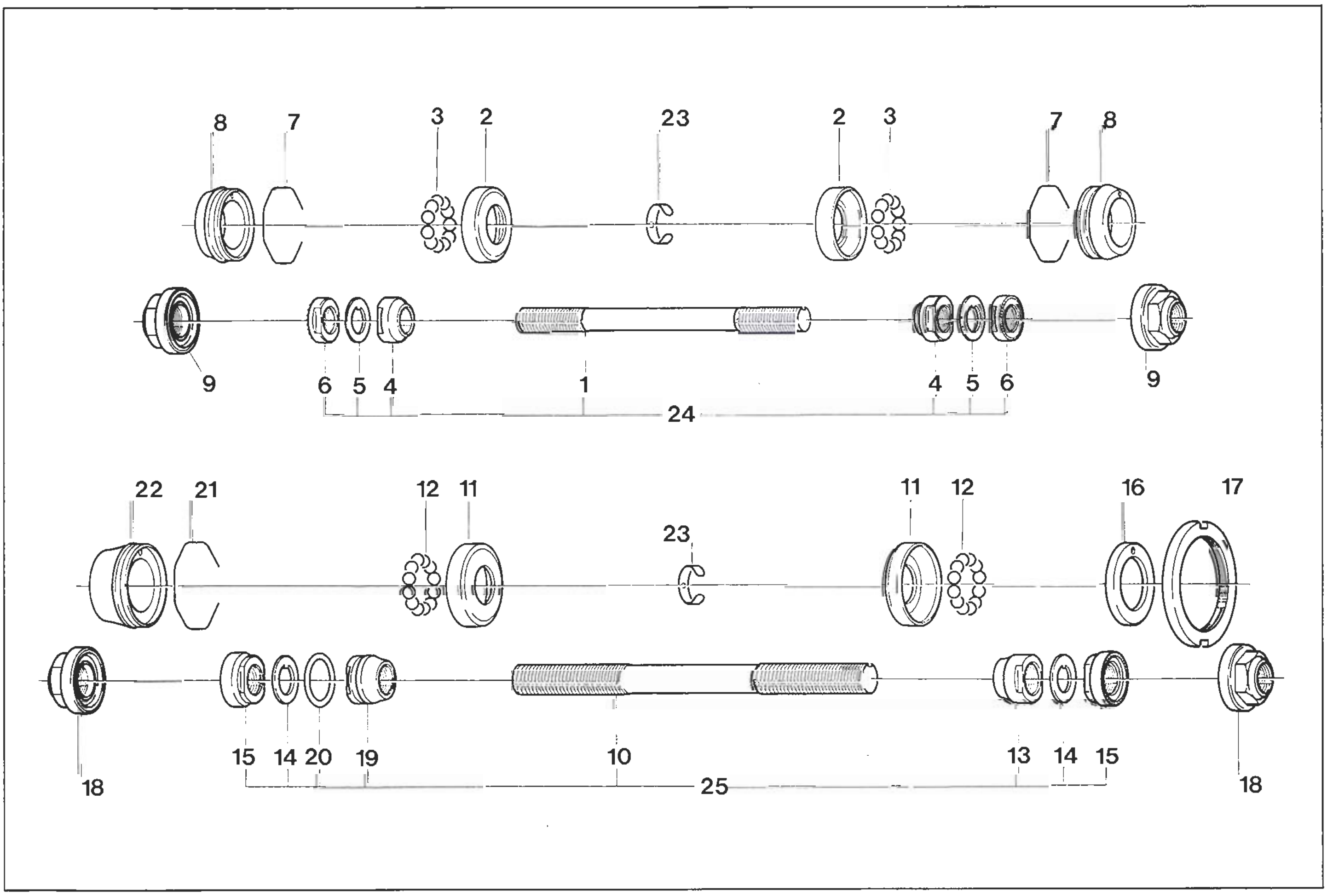
A031KFG RECORD KEIRIN LARGE FLANGE FRONT HUB «NJS approved»

1	7281304	Solid axle with planes by 8 mm.
1	7281181	Solid axle
2	7131071	Cup
3	1321006	Balls set ⌀ 7/32" (9+9)
4	7133070	Cone
5	7300026	Toothed washer by 1 mm.
5	7300027	Toothed washer by 1,5 mm.
5	7300028	Toothed washer by 2 mm.
6	7161159	Locknut
7	7100033	Dust cover circlip
8	7146011	Dust cover
9	2161008	Fixing nut
23	7182028	Oiler hole central clip
24	1281055	Complete axle

A032KFG RECORD KEIRIN LARGE FLANGE REAR HUB «NJS approved»

10	7281183	Solid axle, width 110
10	7281182	Solid axle, width 120
11	7131072	Cup
12	1321005	Balls set ⌀ 1/4" (9+9)
13	7133071	R.H. cone
14	7300040	Toothed washer by 1 mm.
14	7300041	Toothed washer by 1,5 mm.
14	7300042	Toothed washer by 2 mm.
15	7161160	Locknut
16	7146015	R.H. dust cover
17	7203038	Sprocket lockring 12 t.
17	7203039	Sprocket lockring 13÷16 t.
18	2161009	Fixing nut
19	7133088	L:H. cone
20	7100046	Jointing ring
21	7100034	Dust cover circlip
22	7146026	L.H. dust cover
23	7182028	Oiler hole central clip
25	1281056	Complete axle, width 110
25	1281057	Complete axle, width 120





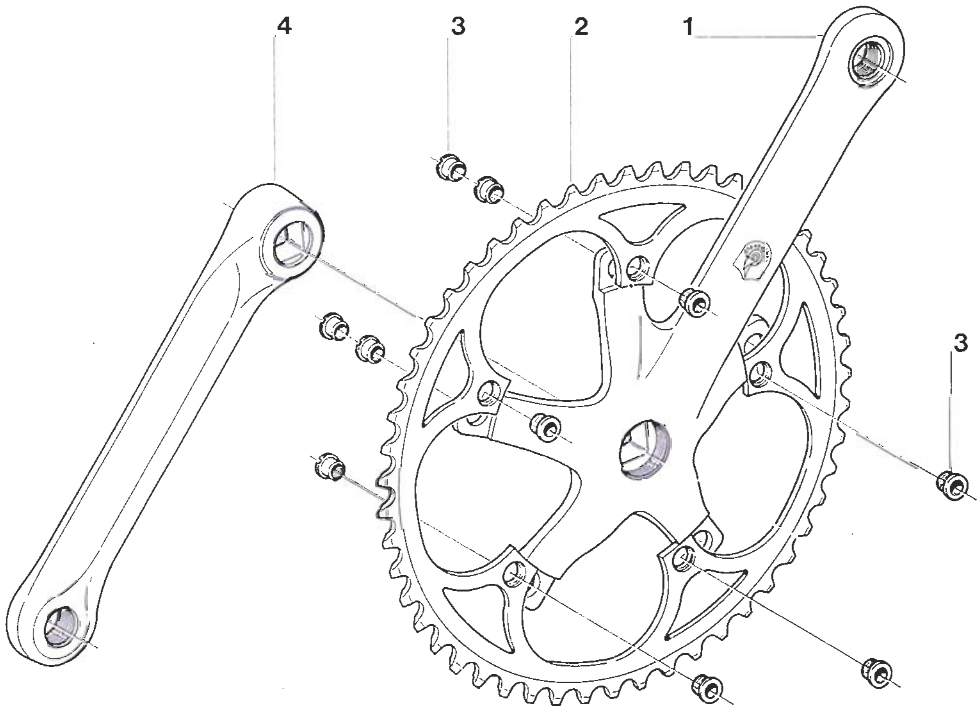


A040K RECORD KEIRIN CHAINWHEEL «NJS approved»

1 A071K R.H. crank, pitch circle diameter 144
2 SZ00K Ring, pitch circle diameter 144
3 0100010 Rings fixing screw and nut
4 A072K L.H. crank

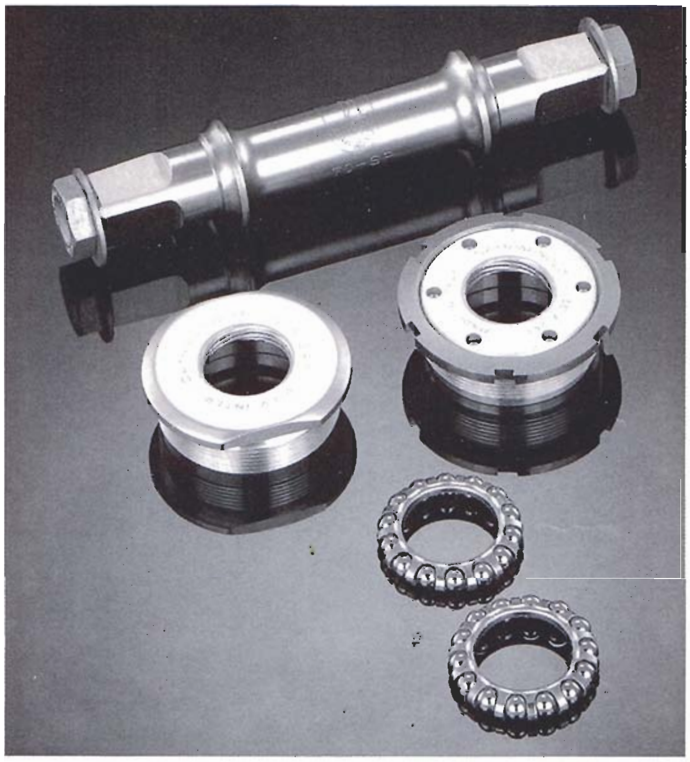
CODE	CRANKS LENGTH						
	165	167,5	170	172,5	175	177,5	180
A071K A072K	●	●	●	●	●	●	●

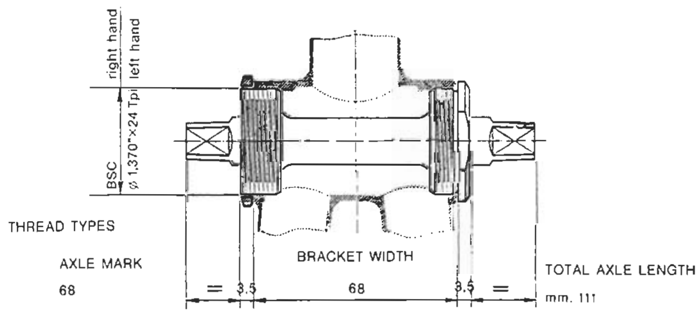
CODE	TEETH THICKNESS	P.C.D.	RINGS TOOTHING
SZ00K	3 mm.	144	from 44 to 54

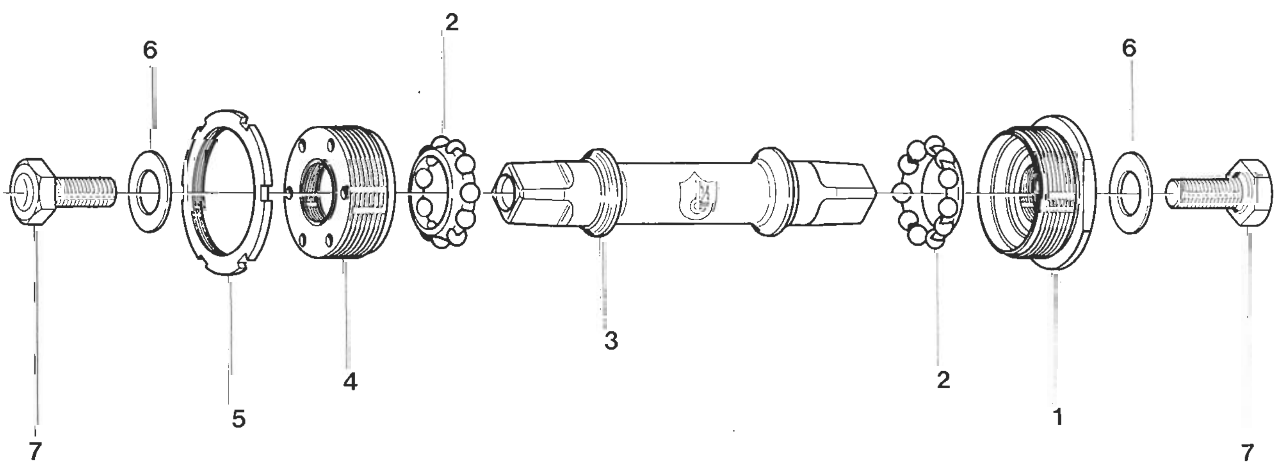


A0H0K RECORD KEIRIN BOTTOM BRACKET
«NJS approved»

1	7131073	R.H. fixed cup
2	1134003	Ball set ∅ 1/4"
3	7281177	68 P axle, width 120
4	7131074	L.H. adjustable cup
5	7203037	L.H. cup lockring
6	7300140	Crank fixing screw washer
7	7350166	Crank fixing screw





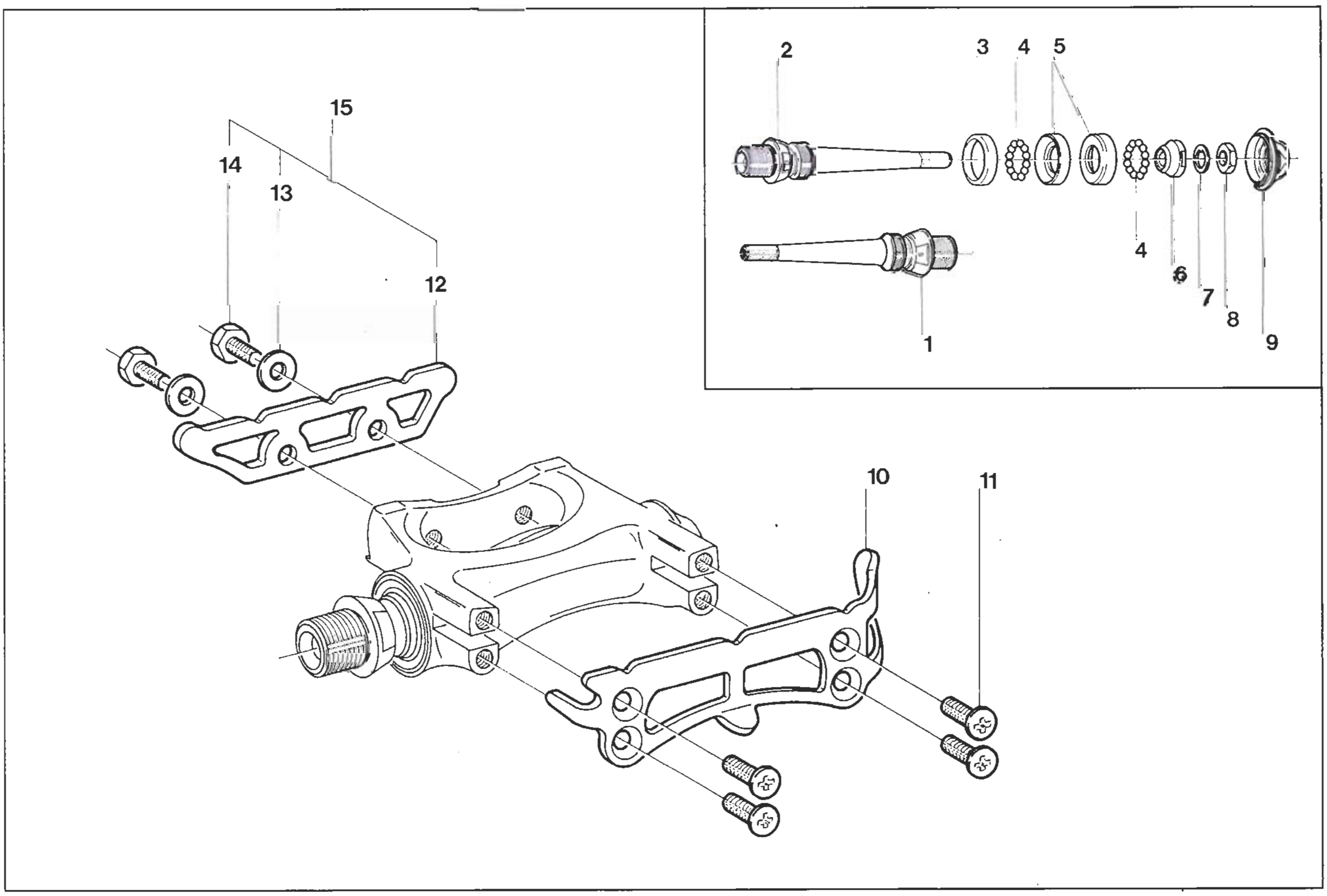


A631KAM R.H. RECORD KEIRIN ERGONOMIC PEDAL «NJS approved»
A632KAM L.H. RECORD KEIRIN ERGONOMIC PEDAL «NJS approved»



1	7281180	L.H. axle
2	7281179	R.H. axle
3	7146001	Dust cover
4	1321008	Balls set ∅ 5/32" (24 + 24)
5	7131001	Cup
6	7133002	Cone
7	7300001	Toothed washer
8	7161001	Locknut
9	7136031	Cover
10	7283059	R.H. pedal rear plate
10	7283060	L.H. pedal rear plate
11	7350148	Rear plate inner fixing screw
12	7283043	Fixing toe-clip front plate
13	7300002	Washer
14	7350237	Toe-clip fixing screw
15	1134021	Toe-clip plate, washers and fixing screws set
	0F23KA	Steel toe-clip with shoe plate: small (S) - medium (M) - large (L)
	1153007	Shaped double layer leather strap

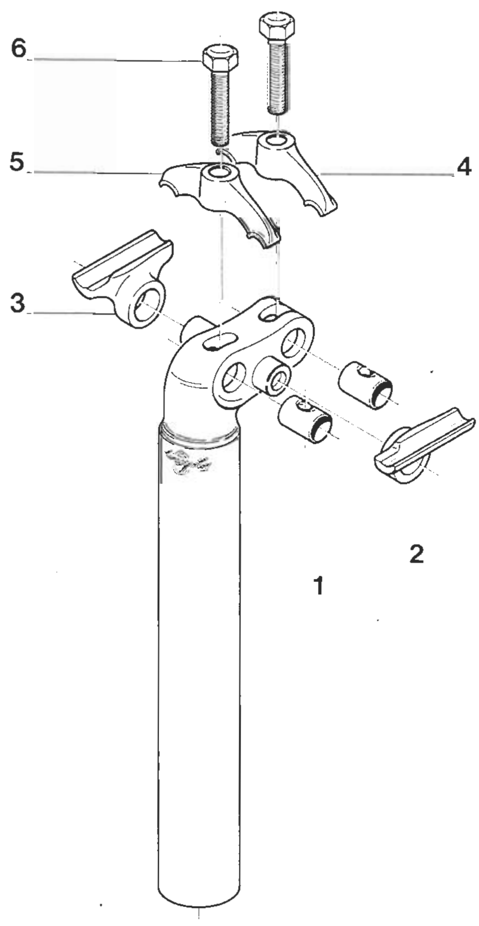
Remark: The pedals are supplied complete with toe-clip and strap



00R7K KEIRIN SEAT PIN «NJS approved»

1	7305001	Threaded bolt
2	7316002	L.H. lateral support
3	7316003	R.H. lateral support
4	7320006	Rear bracket
5	7320005	Front bracket
6	7350078	Fixing and ajusting screw







A0D0K RECORD KEIRIN HEAD SET «NJS approved»

1	7133069	Lower cone
2	1134014	Balls set ∅ 5/32"
3	1131044	Lower cup
4	7133068	Upper cone
5	1131043	Upper cup
6	7300119	Toothed washer
7	7161158	Locknut

